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Education of military surgeons U.S.

Medicine at War

1944, 1945



MILITARY SURGEONS

NEW YORK - NOVEMBER 2 to 4, 1944



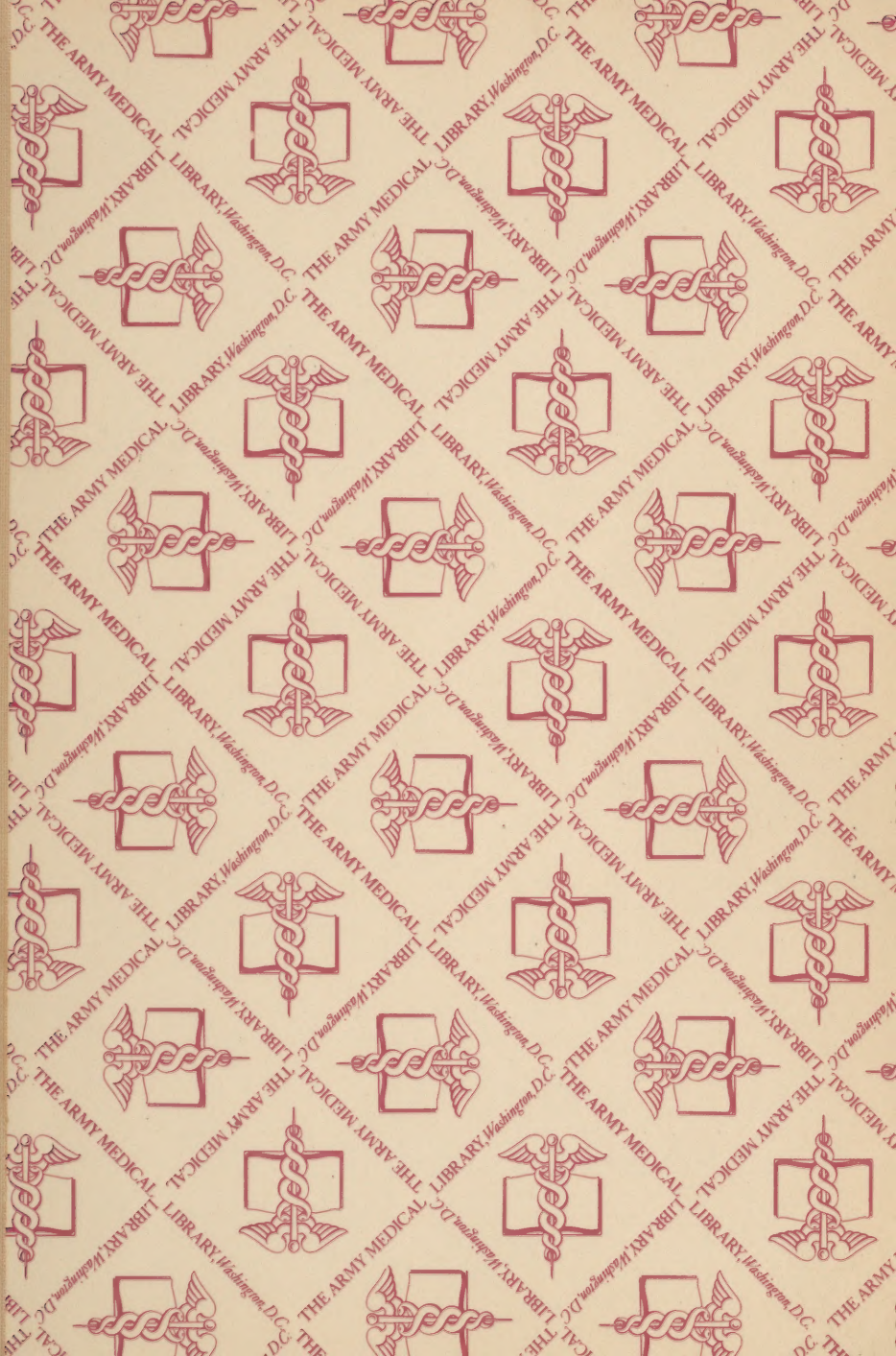
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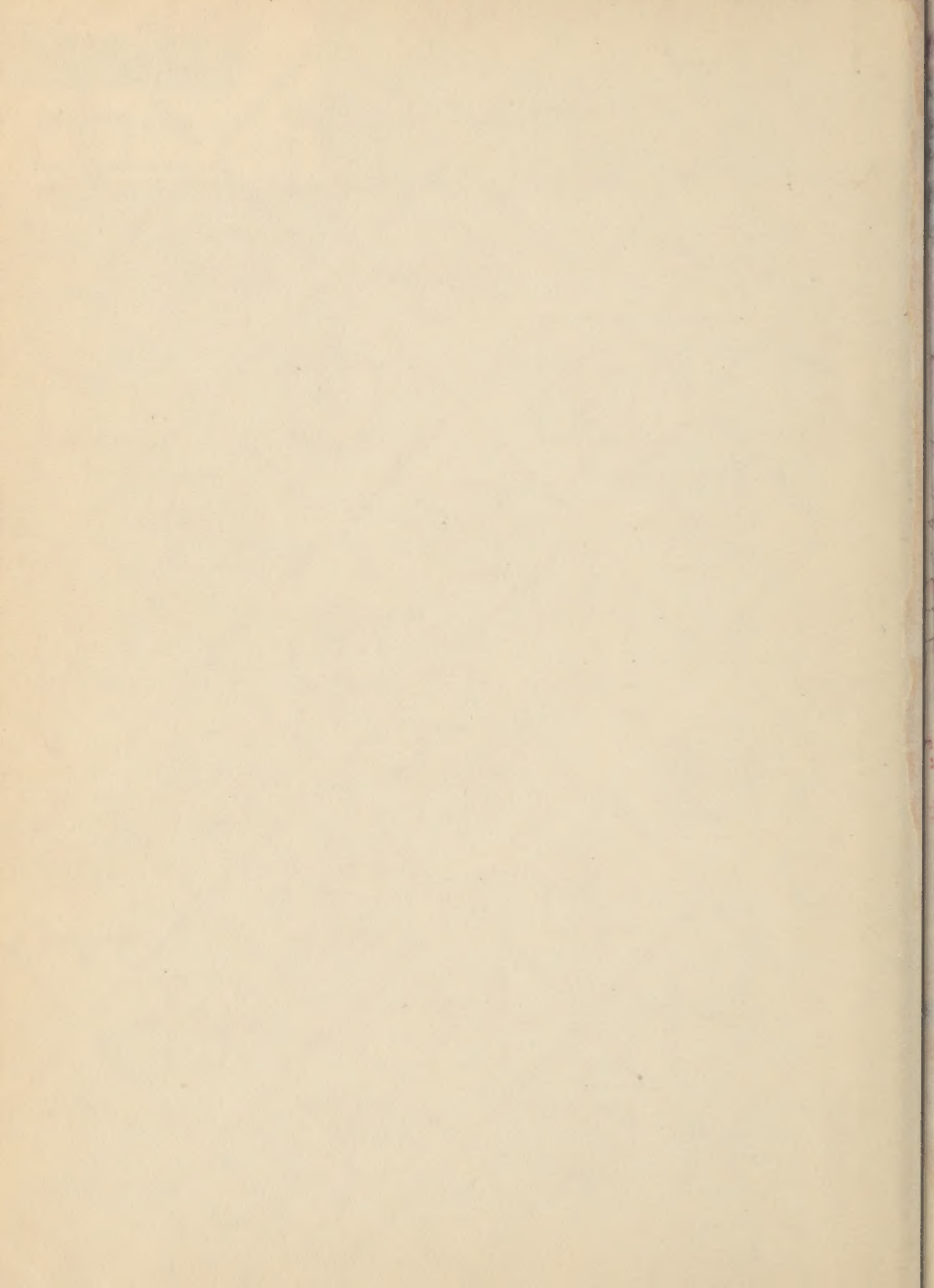
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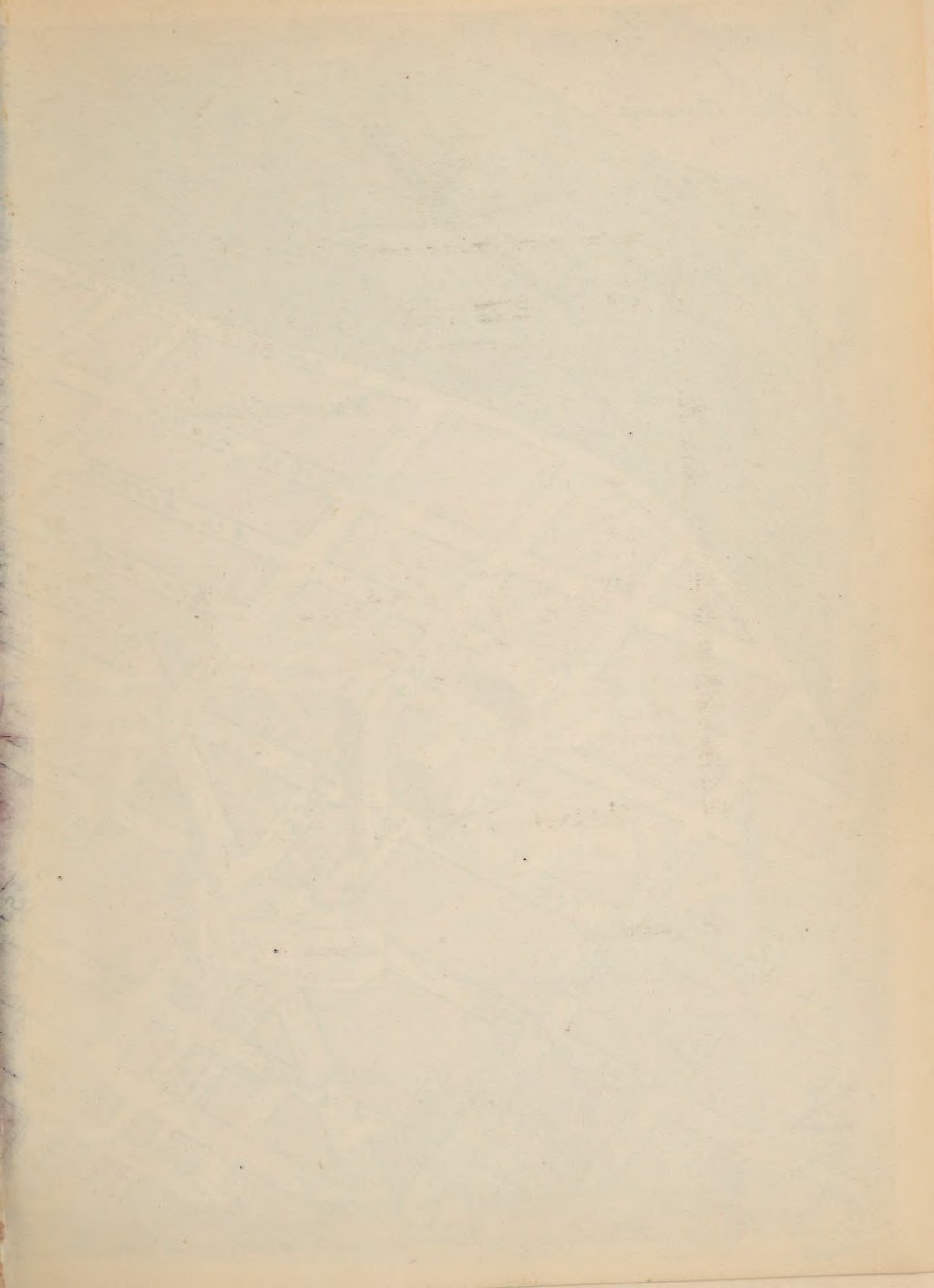


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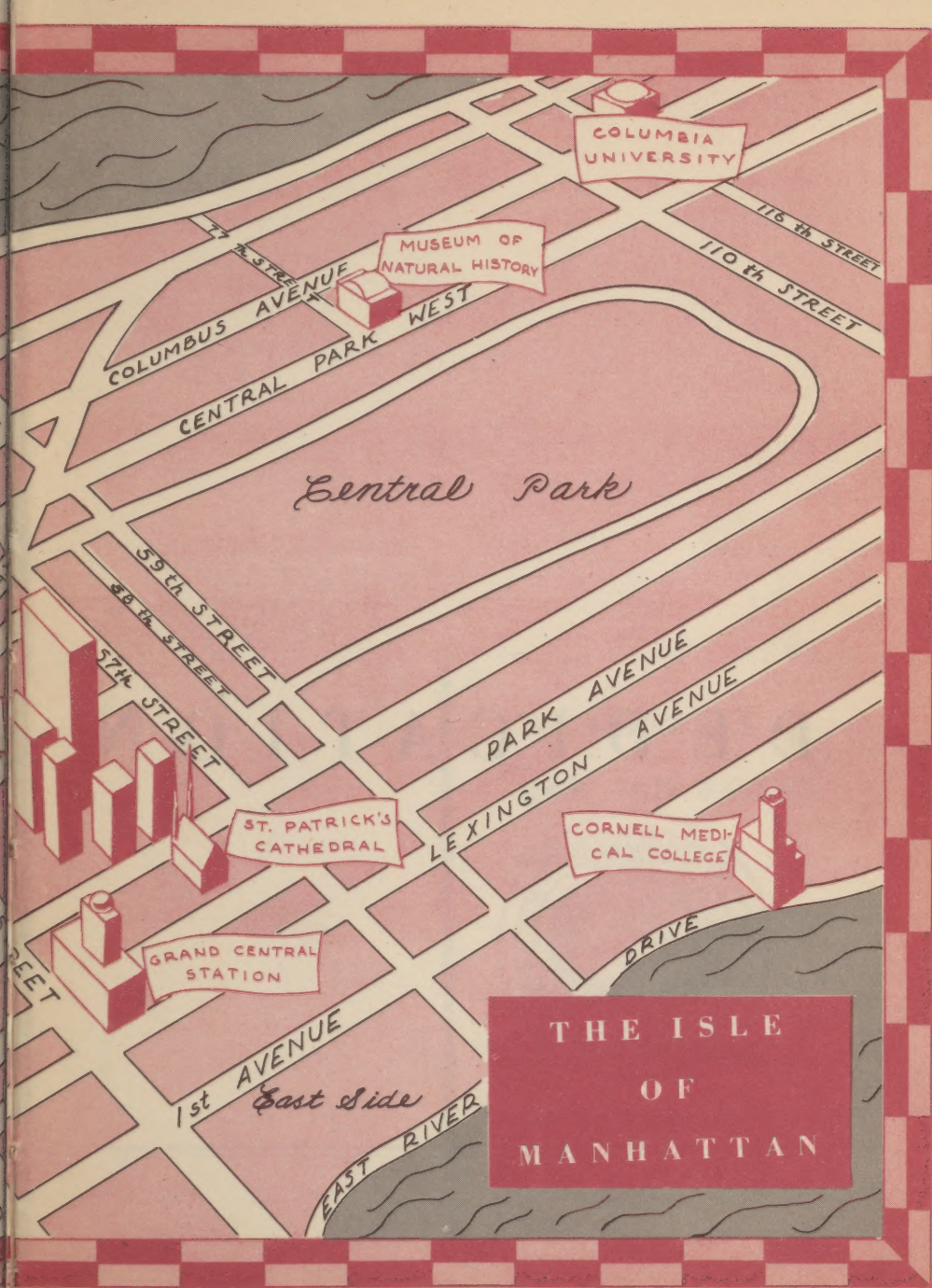
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BUILDING

14th STREET

6th AVENUE

5th AVENUE

42nd



COLUMBIA
UNIVERSITY

MUSEUM OF
NATURAL HISTORY

COLUMBUS AVENUE

CENTRAL PARK WEST

116th STREET

110th STREET

Central Park

59th STREET

58th STREET

57th STREET

PARK AVENUE

LEXINGTON AVENUE

ST. PATRICK'S
CATHEDRAL

CORNELL MEDICAL COLLEGE

GRAND CENTRAL
STATION

1st AVENUE

East Side

EAST RIVER

THE ISLE
OF
MANHATTAN

DEDICATION



TO AMERICA'S
MEN AND WOMEN
OF MEDICINE
WHO HAVE GIVEN
THEIR LIVES
IN THE CAUSE
OF FREEDOM

M E D I C

NOVEMBER 2, 3, 4, 1944

I N E A T W A R

52nd ANNUAL MEETING

Association of Military Surgeons
of the United States

HOTEL PENNSYLVANIA • NEW YORK CITY

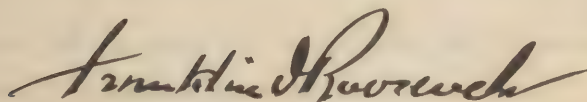


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**"GIVE US STRENGTH, TOO —
STRENGTH IN OUR DAILY
TASKS, TO REDOUBLE THE
CONTRIBUTIONS WE MAKE
IN THE PHYSICAL AND
MATERIAL SUPPORT OF
OUR ARMED FORCES."**

Quotation from the President's D-Day Prayer of June 6, 1944.

A handwritten signature in dark ink, reading "Franklin D. Roosevelt". The signature is written in a cursive, flowing style with a large, prominent 'F' and 'R'.



THREE years of global war have shown the value of much that is old and has brought forth much that is new in military medicine.

The object of this convention is to disseminate this knowledge on a personal basis of common desire to meet the workers in each field, discuss the results of their research and experience and apply it with the zest and spirit which has already enabled the medical services of our armed forces to achieve most remarkable victories over disease and wounds in every corner of the world.

Welcome to the 52nd annual convention of the Association!

LUCIUS A. SALISBURY, Colonel M.C.,
President

Pages 11-12 missing





IT IS a real pleasure to extend the greetings of the United States Public Health Service to the Association of Military Surgeons on its 52nd annual meeting and in the third year of war. The mutual task of civilian and military health authorities is to maintain effective manpower to win the war. Our success in attaining and holding superiority over the enemy on the health front has been the result of teamwork. Joint staff work, joint planning, and joint operation all along the line have given our fighting forces the finest health and medical service in the world. So also have they strengthened our civilian defenses against disease. Further teamwork is necessary to meet the continuing challenge of the war and strengthen our health defenses throughout the world. I am confident that this conference of military surgeons will contribute to increased collaboration among Federal, State, and local health authorities and the military.

THOMAS PARRAN, Surgeon General
U. S. Public Health Service

rents



IT IS a great source of satisfaction to know on the occasion of the 52nd annual convention of the Association of Military Surgeons that military medicine is winning its battles against deaths from wounds and disease as the line troops are defeating the Germans and Japanese wherever they meet them in combat.

In this third year of American participation in the war, with an Army of 7,800,000 men, many of them deployed around the world and living under the most adverse circumstances, their health is better than was that of the men of the small, peacetime regular army. The over-all death rate from disease is .6 per thousand per annum.

There have been no epidemics, a fact that may be attributed in large part to the preventive and precautionary measures developed both by Army doctors and by their colleagues in civilian life.

The rate of death from wounds has been reduced from approximately 8%, the World War Figure, to the unprecedentedly low level of 3%. Many factors, including of course remarkable new developments in medicine and surgery, have contributed in lowering the rate.

Not the least of these factors has been the development of front-line surgery. Prompt medical care has reduced materially

the mortality from wounds. We have lost by death in action some doctors and some nurses as a result of this innovation, but many more lives have been saved. Willingness and eagerness to share the risks and dangers of the line soldier have reflected new glory on the medical profession.

Army doctors have helped to make American soldiers fit for battle. They have cared for them wherever they have been struck down by wounds or disease, and they are seeing to it that those whose disabilities preclude further service, return to civilian life with a better than even chance for useful and successful careers.

NORMAN T. KIRK, Major General
Surgeon General, U. S. Army



IT IS a pleasure as well as a privilege to send my hearty greetings to the members of the Association of Military Surgeons on the occasion of their 52nd Annual Meeting.

In the most wide spread and devastating war that the world has ever known, it is a solace and an inspiration to realize that the devotion and competence of our Military Surgeons are ameliorating in a degree greater than ever before possible, the suffering of our wounded, and saving many lives that heretofore would most certainly have been sacrificed.

I know that your foregathering will be productive of further progress and I wish you a most successful meeting.

FRANK T. HINES
Brigadier General
Veterans Administration





IT gives me great pleasure to welcome to the Second Service Command the 52nd Annual Convention of the Association of Military Surgeons. At no time in our history has there existed a greater need for the services of members of this profession.

The vast strides made by medicine and surgery in military practice since World War I are due in no small part to the stimulating influence of your group. Due to its geographical location, care of the sick and injured soldier becomes one of the chief functions of the Second Service Command, and so we are particularly glad to have you with us. I am confident that out of your conferences here there will emerge new thoughts and methods which will ease our burdens and will enhance the opportunities for useful service to our wounded soldiers, sailors and marines. Please accept my best wishes for the success of your Convention.

T. A. TERRY, Major General, U. S. Army
Commanding General, Second Service Command



IN behalf of the members of the various committees and their associates who have given their best efforts towards making the 52nd Annual Meeting of the Association of Military Surgeons a success, I wish to express the sincere hope that the distinguished guests, officers, and members of the Association who are attending this meeting, find their time at this great metropolis most profitable.

The subject matter in our program, which is covered in Forum Lectures and Panel Discussions, coordinated with moving pictures and exhibits, pertains to our immediate current problems. Each speaker participating in this meeting is unsurpassed in his respective field. We believe the entertainment will furnish sufficient relaxation, diversion, and enjoyment to aid in assimilating the good things that are presented.

C. M. WALSON, Colonel, M. C., U. S. Army
General Chairman, Convention and Program Committees

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MILITARY SURGEONS
OF THE
UNITED STATES
1944**

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52nd ANNUAL MEETING

ASSOCIATION OF MILITARY SURGEONS

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**52nd ANNUAL MEETING
ASSOCIATION MILITARY SURGEONS**

MEDICINE AT WAR • OFFICIAL SCHEDULE

Hotel Pennsylvania

THURSDAY, 2 NOVEMBER 1944

OPENING SESSION—Georgian Room	10:00 A.M. to 12:00 Noon
BUSINESS MEETING—Georgian Room	12:00 Noon
LUNCHEON for Officials and Guests by Mayor of New York City	12:30 P.M.
FORUM LECTURES—Georgian Room	2:00 P.M. to 4:00 P.M.
PANEL DISCUSSIONS—Parlors	4:30 P.M. to 6:00 P.M.
MOTION PICTURES—Keystone Room	4:30 P.M. to 6:00 P.M.
NAVY NIGHT—Roof Garden	
Guest Speaker	8:00 P.M.
Smoker and Entertainment	9:30 P.M.

FRIDAY, 3 NOVEMBER 1944

FORUM LECTURES—Georgian Room	9:00 A.M. to 11:00 A.M.
PANEL DISCUSSIONS—Parlors	11:30 A.M. to 1:00 P.M.
MOTION PICTURES—Keystone Room	11:30 A.M. to 1:00 P.M.
FORUM LECTURES—Georgian Room	2:00 P.M. to 4:00 P.M.
PANEL DISCUSSIONS—Parlors	4:30 P.M. to 6:00 P.M.
MOTION PICTURES—Keystone Room	4:30 P.M. to 6:00 P.M.
ARMY NIGHT—Roof Garden	
Annual Dinner, Ladies Invited	6:30 P.M.
Dancing and Entertainment	10:00 P.M.

SATURDAY, 4 NOVEMBER 1944

FORUM LECTURES—Georgian Room	9:00 A.M. to 11:00 A.M.
CLOSING REMARKS by Chairman and President of Association	11:00 A.M.
MOTION PICTURES	10:00 A.M. to 12:00 Noon

Note—The presence of all speakers and guests is subject to the exigencies of the War. Eminently qualified authorities are available if the occasion demands.

MEDICINE AT WAR

OPENING SESSION

Georgian Room

Hotel Pennsylvania

**CALL TO ORDER—10:00 A.M.—Colonel Charles M. Watson, M.C., U. S. Army
General Chairman, 52nd Annual Meeting Association Military Surgeons**

THE NATIONAL ANTHEM.....Orchestra

INVOCATION...Colonel J. Burt Webster, Chaplain, Second Service Command

ADDRESSES OF WELCOME

- (1) Major General T. A. Terry, Commanding General, Second Service Command
- (2) Honorable Fiorello H. LaGuardia, Mayor of New York City
- (3) Dr. Arthur Chace, President, New York Academy of Medicine
- (4) Dr. Conrad Berens, President, New York County Medical Society

RESPONSE

**THE PRESIDENTIAL ADDRESS—Colonel Lucius A. Salisbury, M.C., In-
spector General Department**

INTRODUCTION OF DISTINGUISHED FOREIGN GUESTS

ADDRESSES OF THE SURGEONS GENERAL

**Army—Major General Norman T. Kirk, M.C., Surgeon General, U. S.
Army**

**Navy—Vice Admiral Ross T. McIntire (MC), Surgeon General, U. S.
Navy**

**U.S.P.H.S.—Thomas Parran, M.D., Surgeon General, United States Public
Health Service**

**Veterans—Brigadier General Frank T. Hines, Administrator, Veterans
Administration, Washington, D. C.**

BUSINESS MEETING.....12 Noon

**LUNCHEON FOR OFFICIALS, SPEAKERS AND DISTINGUISHED
GUESTS BY THE MAYOR OF NEW YORK CITY.....12:30 P.M.**

FORUM LECTURES

THURSDAY AFTERNOON / GEORGIAN ROOM
2:00 P.M. — 4:00 P.M.

WAR SURGERY

PRESIDING OFFICER — BRIGADIER GENERAL RAYMOND W. BLISS, M. C. Chief of
the Operations Service, Office of The Surgeon General, United States Army.

SURGERY IN FORWARD MILITARY ECHELONS

Brigadier General Fred W. Rankin, M.C., Chief Consultant in Surgery,
Office of The Surgeon General, United States Army.

WAR TIME EXPERIENCE IN THE TREATMENT OF BURNS

Captain Frederic L. Conklin (MC) USN, Medical Officer in Command,
U. S. Naval Hospital, Chelsea, Massachusetts.

PLASTIC AND RECONSTRUCTION SURGERY

Lieutenant Commander Clarence R. Straatsma (MC) USNR,
U. S. Naval Hospital, Brooklyn, New York.

REHABILITATION BY THE ARMY DENTAL CORPS

Lieutenant Colonel John C. Brauer, D.C., Assistant to Director,
Dental Division, Office of The Surgeon General, United States Army.

THE RECONDITIONING PROGRAM IN THE UNITED STATES ARMY

Colonel Augustus Thorndike, M.C., Director, Reconditioning Division,
Office of The Surgeon General, United States Army.

FORUM LECTURES

FRIDAY MORNING / GEORGIAN ROOM

9:00 A.M. — 11:00 A.M.

CHEMOTHERAPY

PRESIDING OFFICER—MAJOR GENERAL DAVID N. W. GRANT, M. C. The Air Surgeon, U. S. Army Air Forces.

THE PRESENT STATUS OF PENICILLIN THERAPY

Dr. Chester S. Keefer, Wade Professor of Medicine, Boston University School of Medicine.

PRESENT STATUS OF THE SULFONAMIDES

Captain William W. Hall (MC) USN, Bureau of Medicine and Surgery, United States Navy.

THE TREATMENT OF GONORRHEA AND SYPHILIS IN THE UNITED STATES ARMY

Brigadier General Hugh J. Morgan, M. C., Chief Consultant in Medicine, Office of The Surgeon General, United States Army.

EQUINE ENCEPHALOMYELITIS OF THE VIRUS TYPE

Colonel Raymond Randall, V. C., Director, Army Veterinary School, Washington, D. C.

THE MILITARY ASPECTS OF RHEUMATIC FEVER

Colonel William P. Holbrook, M. C., Chief, Medical Services Division, Office of The Air Surgeon, U. S. Army Air Forces.

FORUM LECTURES

FRIDAY AFTERNOON ✓ GEORGIAN ROOM

2:00 P.M. — 4:00 P.M.

MEDICAL TOPICS

PRESIDING OFFICER — REAR ADMIRAL L. SHELDON, JR. (MC) USN, Assistant Chief, Bureau of Medicine and Surgery, United States Navy.

THE MALARIA CONTROL PROGRAM OF THE UNITED STATES ARMY

Brigadier General James S. Simmons, M.C., Chief, Preventive Medicine Service, Office of The Surgeon General, United States Army.

CHRONIC RELAPSING MALARIA IN THE UNITED STATES ARMY

Lieutenant Colonel Francis R. Dieuaide, M.C., Chief, Tropical Disease Treatment Branch, Office of The Surgeon General, United States Army.

RELATIONSHIPS OF NEUROPSYCHIATRY TO GENERAL MEDICINE AND SURGERY IN THE ARMY

Colonel William C. Menninger, M.C., Chief Consultant in Neuropsychiatry, Office of The Surgeon General, United States Army.

THE PROBLEM OF MORALE

Major General G. B. Chisholm, M.C., C.B.E., E.D., Director General of Medical Services, Department of National Defense-Army, Ottawa, Canada.

RICKETTSIAL DISEASES

Dr. R. E. Dyer, Director, National Institute of Health, United States Public Health Service, Bethesda, Maryland

FORUM LECTURES

SATURDAY MORNING ✓ GEORGIAN ROOM

9:00 A.M. — 11:00 A.M.

MEDICAL COMBAT PROBLEMS

PRESIDING OFFICER — DR. WARREN F. DRAPER, Deputy Surgeon General, United States Public Health Service.

MEDICAL PROBLEMS IN THE EUROPEAN THEATRE OF OPERATIONS

Lieutenant General Sir Alexander Hood, K.C.B., C.B.E., K.H.P., Director General, British Army Medical Services, 39 Hyde Park Gate, London, S. W. 7, England.

MEDICAL PROBLEMS OF AIR WARFARE

Colonel M. S. White, M. C. Director, Aero Medical Department, U. S. Army Air Forces School of Applied Tactics, Orlando, Florida.

PUBLIC HEALTH PROBLEMS IN THEATRES OF OPERATION

Brigadier General S. Bayne-Jones, M. C., Deputy Chief, Preventive Medicine Service, Office of The Surgeon General, United States Army.

MEDICAL PROBLEMS OF SUBMARINE WARFARE

Captain Charles W. Shilling (MC) USN, Officer in Charge, Medical Research Laboratory, Submarine Base, New London, Connecticut.

CLOSING REMARKS

Colonel Charles M. Walson, M.C.
Chairman

Colonel Lucius A. Salisbury, M.C.
President

ASSOCIATION OF MILITARY SURGEONS

LIST OF PAPERS

"To Be Read By Title"

SUBJECT

SUBMITTED BY

"The Importance of X-Ray Examination in the Early Diagnosis of Primary Pulmonary Coccidioidomycosis."

Sam'l. I. Kooperstein, Major, M.C.
Hyman E. Bass, Captain, M.C.
George J. Kastlin, Lt. Col., M.C.
Murray M. Friedman, Major, M.C.
Bruns General Hospital, Santa Fe, N. M.

"Extraperitoneal Closure of Colostomies."

Lewis S. Pilcher, Major, M.C.
O. E. Nadeau, Lt. Col., M.C.
Fletcher General Hospital, Cambridge, O.

"Duodenal Ulcer. An Analysis of 150 Cases in An Army General Hospital."

I. I. Cash, Captain, M.C.
Sam'l. S. Altshuler, Major, M.C.
Fletcher General Hospital, Cambridge, O.

"Penicillin in the Treatment of Oral Infection by Topical Application."

Kenneth R. Cofield, Lt. Col., D.C.
Alfred E. Toye, Captain, D.C.
Everett W. Ferguson, Captain, D.C.
Gardiner General Hospital, Chicago, Ill.

"The Psychoneurotic Returns."

Guy C. Randall, Lt. Col., M.C.
Chief of Neuropsychiatric Branch,
Medical Division,
McCloskey Gen'l Hospital, Temple, Tex.

"Exertional Electrocardiography."

John B. Levan, Major, M.C.
Chief of the Cardiovascular Renal Brch.,
Medical Division,
McCloskey Gen'l Hospital, Temple, Tex.

"Electroencephalography in the Army Hospital."

Ewald W. Busse, Captain, M.C.
Neuropsychiatric Branch,
Medical Division,
McCloskey Gen'l Hospital, Temple, Tex.

"The Value of Oxygen in Abdominal Surgery."

William Seaman Bainbridge, Capt., (MC)
USNR, 34 Gramercy Park,
New York City

"The Treatment of Empyema Thoracis with Penicillin."

Martin J. Healy, Jr., Captain, M.C.
Chief, General Surgical Section
and

Harry L. Katz, Captain, M.C.
Chief, Communicable Disease Section,
1257th SCSU,
Tilton General Hospital, Fort Dix, N. J.

PANEL DISCUSSIONS ON MEDICINE AND SURGERY

PANEL discussions will be held in the designated rooms on Thursday afternoon and on Friday morning and afternoon following the sessions of Forum Lectures. The afternoon panels will convene promptly at 4:30 and the morning panel at 11:30. This year, in addition to the panels on Medicine and Surgery which are integrated as far as possible with the Forum Lectures, there is a series of Panel Discussions for each of the specialized services — Dental, Veterinary, Sanitary and Medical Administrative Corps.

Each discussion will open with a brief introduction by the Chairman followed by the several short assigned presentations listed on the program. This will serve to establish the theme of the discussion. Special slips for writing out questions will be available before and during the meeting. These will be collected and given to the Chairman who will designate the member of his panel to answer the question.

The entire Association membership should feel honored and gratified with the support and cooperation given to the Committee in formulating the Program of Panel Discussion. The Chairman of each Panel is an outstanding authority on the subject presented, and he has cooperated to create the most interesting program possible. The individual members are also experts. They have been drawn from all branches of the service, and together have seen service in all parts of the world.

THURSDAY, 2 NOVEMBER 1944

1:30 P.M. to 6:00 P.M.

WOUNDS, FRACTURES AND AMPUTATIONS

GEORGIAN ROOM

DR. FREDERICK W. BANCROFT, *Chairman*

Consultant in Surgery, Veterans Administration

LIEUTENANT COLONEL FRANKLIN E.
WALTON, M.C.
Chief of Surgical Service, Vaughan
General Hospital.
"WAR WOUNDS"

DR. WILLIAM DARRACH
Consultant in Orthopedic Surgery
to the Surgeon General U. S. Army.
"FRACTURES"

CAPTAIN H. H. KESSLER, (MC) USNR
Chief, Orthopedic Department;
Chief, Rehabilitation Service, U.S.
Naval Hospital, Mare Island, Cali-
fornia.
"AMPUTATIONS"

COLONEL LEONARD T. PETERSON, M.C.
Chief, Orthopedic Branch, Surgery
Division, Office of The Surgeon
General, U. S. Army.

LIEUTENANT COLONEL STEPHENS
GRAHAM, M.C.
Consultant in Surgery, Second Ser-
vice Command.

MAJOR KARL F. MECH, M.C.
Chief, Penicillin Section; Ass't to
Chief of Orthopedic Section, Hal-
loran General Hospital.

NEUROPSYCHIATRIC PROBLEMS

PARLOR NO. 1

LIEUTENANT COLONEL DOUGLAS A. THOM, M.C., *Chairman*

Consultant in Neuropsychiatry, Second Service Command

DR. HARRY C. SOLOMON

Consultant in Neuropsychiatry, Veterans Administration; Professor Psychiatry, Harvard University Medical College. "THE CONTRIBUTION OF PSYCHIATRY IN A GLOBAL WAR"

CAPTAIN WILLIAM F. KENNEDY
(MC) USN

Officer in Charge, Neuropsychiatric Division, Bureau of Medicine and Surgery, Navy Department. "NEUROPSYCHIATRIC PROBLEMS AS THEY OCCUR IN NAVAL WARFARE"

COLONEL J. D. GRIFFIN, R.C.A.M.C.

Consultant Psychiatrist, Directorate of Medical Services, National Defense Headquarters, Ottawa, Canada. "NEUROPSYCHIATRY IN THE CANADIAN ARMY"

LIEUTENANT COLONEL DONALD W.
HASTINGS, M.C.

Office of The Air Surgeon, U. S. Army Air Forces. "NEUROPSYCHIATRIC PROBLEMS IN COMBAT SERVICE"

BRIGADIER J. R. REES

Consulting Psychiatrist, War Office, British Army.

DR. LAWRENCE KOLB

Medical Director, Chief, Mental Hygiene Division, United States Public Health Service.

COLONEL WILLIAM C. MENNINGER,
M.C.

Chief Consultant in Neuropsychiatry, Office of The Surgeon General, U. S. Army.

COMMANDER GEORGE N. RAINES
(MC) USN

Chief of Neuropsychiatry, U. S. Naval Hospital, Portsmouth, Va.

THURSDAY, 2 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

VENEREAL DISEASES

PARLOR NO. 2

DR. J. E. MOORE, *Chairman*

Chairman of the Committee on Venereal Diseases, National Research Council

COMMANDER W. H. SCHWARTZ
(MC) USN

Officer in Charge, Section of Venereal Disease Control, Division of Preventive Medicine, Bureau of Medicine and Surgery, Navy Department. "THE CHANGING NATURE OF VENEREAL DISEASE CONTROL"

LIEUTENANT COLONEL THOMAS H.
STERNBERG, M.C.

Director, Venereal Disease Control Division, Preventive Medicine Service, Office of The Surgeon General, U. S. Army. "VENEREAL DISEASE CONTROL IN THE ARMY"

DR. J. R. HELLER, JR.

Medical Director, Chief, Venereal Disease Division, United States Public Health Service. "VENEREAL DISEASE STUDIES OF THE USPHS"

DR. WALSH McDERMOTT

In Charge of Research on Treatment of Syphilis with penicillin, The New York Hospital, New York City.

DR. J. F. MAHONEY

Medical Director, Venereal Disease Research Laboratory, U. S. Marine Hospital, Staten Island, N. Y.

CAPTAIN WILLIAM LEIFER, M.C.

In Charge of Research Project on Treatment of Syphilis with penicillin, Regional Hospital, Fort Bragg, N. C.

FRIDAY, 3 NOVEMBER 1944

11:30 A.M. to 1:00 P.M.

PENICILLIN AND SULFONAMIDE THERAPY

GEORGIAN ROOM

DR. FRANCIS G. BLAKE, *Chairman*

Consultant to Secretary of War;

President, Board for Investigation of Epidemic Diseases, U. S. Army

MAJOR JOHN H. DINGLE, M.C.

Director, Commission on Acute
Respiratory Diseases, Board for In-
vestigation of Epidemic Diseases,
U. S. Army. "CHEMOTHERAPY
OF THE COCCAL INFECTIONS"

COMMANDER ALVIN F. COBURN

(MC) USNR

In Charge, Epidemic Disease Con-
trol Section, Bureau of Medicine
and Surgery, Navy Dep't. "PRO-
PHYLACTIC USE OF THE SUL-
PHONAMIDES"

DR. CHESTER S. KEEFER

Consultant to Secretary of War;
Chairman, Subcommittee on Chem-
otherapy of National Research
Council.

CAPTAIN WILLIAM W. HALL

(MC) USN

Bureau of Medicine and Surgery,
Navy Department.

DR. A. V. HARDY

National Institute of Health, United
States Public Health Service.

"CHEMOTHERAPY OF THE
DYSENTERIES"

PLASTIC AND RECONSTRUCTION SURGERY

PARLOR NO. 1

LIEUTENANT COLONEL JAMES BARRETT BROWN, M.C., *Chairman*
In Charge of Plastic Surgery, Valley Forge General Hospital

CAPTAIN CAMILLE M. SHAAR
(MC) USN

Chief of Surgery, U. S. Naval Hospital, Philadelphia, Pa. "EXTERNAL FIXATION OF FRACTURES"

DR. DOUGLAS B. PARKER

Consultant in Oral Surgery, Veterans Administration.
"FRACTURE OF THE JAW"

COLONEL ARCHIBALD McINDOE

Chief Consultant, Plastic Surgery, Royal Air Force. "SURGERY FOLLOWING BURNS"

CAPTAIN BRADFORD CANNON, M.C.

Valley Forge General Hospital.
"PLASTIC RECONSTRUCTION OF DEFECTS OF THE HAND"

LIEUTENANT COMMANDER PHELPS J. MURPHY (DC) USNR

Naval Dental School, National Naval Medical Center.
"OCULAR REPLACEMENT BY ACRILIC MAXILLO-FACIAL PROSTHESIS"

COLONEL ROBERT H. IVY, M.C.

Chairman, Subcommittee on Plastic and Maxillo-Facial Surgery, National Research Council.

LIEUTENANT COMMANDER CLARENCE R. STRAATSMA (MC) USNR

U. S. Naval Hospital, Brooklyn, N. Y.

NEUROSURGICAL PROBLEMS IN THE ARMED FORCES

PARLOR NO. 2

CAPTAIN WINCHELL M. CRAIG, (MC) USNR, *Chairman*

Chief of Surgery, Naval Hospital, National Naval Medical Center
Bethesda, Maryland

CAPTAIN JAMES C. WHITE
(MC) USNR

Chief, Neurosurgical Service, U.
S. Naval Hospital, Chelsea, Mass.
"EFFECTS OF IMMERSION AND
ALTITUDE FREEZING ON THE
EXTREMITIES"

DR. ALTON OCHSNER

Consultant to The Air Surgeon, U.
S. Army Air Forces. Professor of
Surgery, Tulane University.
"PARAVERTEBRAL BLOCK
FOR FROSTBITE"

DR. E. JEFFERSON BROWDER

Professor of Neurosurgery, Long
Island College of Medicine.
"HEAD INJURIES"

COMMANDER WILLIAM K.
LIVINGSTON (MC) USNR

U. S. Naval Hospital, Oakland Cal-
ifornia. "PERIPHERAL NERVE
INJURIES"

MAJOR BARNES WOODHALL, M.C.

Chief, Neurosurgical Section, Wal-
ter Reed Hospital. "RUPTURED
INTERVERTEBRAL DISC"

MAJOR EVERETT G. GRANTHAM, M.C.

Chief, Neurosurgical Section, Eng-
land General Hospital.
"INJURIES OF THE SPINE"

FRIDAY, 3 NOVEMBER 1944

1:30 P.M. to 6:00 P.M.

TROPICAL DISEASES IN WAR THEATERS

GEORGIAN ROOM

COLONEL GEORGE R. CALLENDER, M.C., *Chairman*

Director, Army Medical School, Asst. Commandant, Army Medical Center

DR. H. E. MELENEY

Consultant to Secretary of War;
Chairman, Commission on Tropical
Diseases, U. S. Army. "CHINA"

LIEUTENANT COLONEL HARDY A.
KEMP, M.C.

Secretary, Army Medical School,
Army Medical Center.
"CHINA, BURMA, INDIA"

LIEUTENANT COLONEL THOMAS G.
WARD, M.C.

Preventive Medicine Service, Office
of The Surgeon General, U. S.
Army "NORTH AFRICA, MID-
DLE EAST"

LIEUTENANT COMMANDER F. A.
BUTLER, (MC) USN

Chief of Section of Tropical Medi-
cine, Professional Division, Bureau
of Medicine and Surgery, Navy
Department. "SOUTH PACIFIC"

BRIGADIER GENERAL JAMES S.
SIMMONS, M.C.

Chief, Preventive Medicine Service,
Office of The Surgeon General, U.
S. Army.

DR. ROLLA E. DYER

Director, National Institute of
Health, United States Public Health
Service.

COLONEL RICHARD P. STRONG, M.C.

Director, Tropical Medicine, Army
Medical School, Army Medical
Center.

LIEUTENANT COLONEL FRANCIS R.
DIEUAIDE, M.C.

Chief, Tropical Disease Treatment
Branch, Office of The Surgeon
General, U. S. Army.

DR. V. H. HAAS

Medical Officer in Charge, Malaria
Investigations, National Institute of
Health, United States Public Health
Service.

MAJOR FRANK A. MANTZ, M.C.

Preventive Medicine Service, Of-
fice of The Surgeon General, U. S.
Army.

RECONDITIONING AND REHABILITATION OF CONVALESCENTS OF THE ARMED FORCES

CONFERENCE ROOM—18th FLOOR

COLONEL HOWARD A. RUSK, M.C., *Chairman*

Chief, Convalescent Training, Office of The Air Surgeon,
U. S. Army Air Forces

COLONEL AUGUSTUS THORNDIKE, M.C.

Director, Reconditioning Division,
Office of The Surgeon General, U.
S. Army.

"PROGRAM OF THE ARMY"

CAPTAIN HOWARD MONTGOMERY

(MC) USN

Bureau of Medicine and Surgery,
Navy Department.

"PROGRAM OF THE NAVY"

COLONEL OLIVER K. NIESS, M.C.

Office of The Air Surgeon, U. S.
Army Air Forces.

"PROGRAM OF THE AAF"

DR. CHARLES M. GRIFFITH

Medical Director, Veterans Ad-
ministration. "PROGRAM OF THE
VETERANS ADMINISTRATION"

SURGEON J. MASUR (R) USPHS

Assistant Chief Medical Officer,
Office of Vocational Rehabilitation.

"THE FEDERAL-STATE PRO-
GRAM OF VOCATIONAL RE-
HABILITATION"

DR. GEORGE DEEVER

Medical Director, Institute for
Crippled and Disabled, New York
City. "PROGRAM OF CIVILIAN
AGENCIES"

LIEUTENANT COLONEL LYMAN C.

DURYEA, M.C.

Director, Reconditioning, Second
Service Command. "PSYCHOL-
OGY OF THE HANDICAPPED"

SHOCK, BLOOD SUBSTITUTES AND BLOOD DERIVATIVES

PARLOR NO. 1

CAPTAIN LLOYD R. NEWHOUSER (MC) USN, *Chairman*

In Charge, Blood Substitute Division, National Naval Medical Center

DR. MAX M. STRUMIA

**Director, Clinical Laboratory, Bryn
Mawr Hospital. "MANAGEMENT
OF SHOCK WITH PLASMA AND
OTHER BLOOD DERIVATIVES
OR SUBSTITUTES"**

BRIGADIER GENERAL FRED W.

RANKIN, M.C.

**Chief Consultant in Surgery, Office
of The Surgeon General, U. S.
Army.**

**LIEUTENANT HENRY S. BLAKE
(MC) USNR**

**National Technical Director,
American Red Cross Blood Donor
Service. "TREATMENT OF
SHOCK WITH WHOLE BLOOD
INCLUDING PROBLEM OF
STORAGE AND TRANSPORTA-
TION"**

SURGEON H. L. SKINNER

**Senior Surgeon, United States
Public Health Service, Chief, Sur-
gical Service, U. S. Marine Hos-
pital, Stapleton, S. I.**

**LIEUTENANT COLONEL DOUGLAS B.
KENDRICK, JR., M.C.**

**Special Representative of The Sur-
geon General on Transfusions and
Plasma, Army Medical Center.
"MANAGEMENT OF SHOCK
UNDER COMBAT CONDITIONS"**

AVIATION MEDICINE

PARLOR NO. 2

BRIGADIER GENERAL EUGEN G. REINARTZ, M.C., *Chairman*

Commandant, School of Aviation Medicine, Randolph Field, Texas

CAPTAIN JOHN C. ADAMS, (MC) USN

In Charge, Aviation Medicine Division, Bureau of Medicine and Surgery, Navy Department.

"THE ROLE OF THE NAVY
FLIGHT SURGEON IN THE
PACIFIC THEATER"

CAPTAIN BERTRAM GROESBECK, JR.
(MC) USN

In Charge, School of Aviation Medicine, Naval Air Station, Pensacola, Florida. "AVIATION MEDICINE IN THE FLEET"

COLONEL M. S. WHITE, M.C.

Director, Aero Medical Department, School of Applied Tactics, U. S. Army Air Forces, Orlando, Florida.

"THE AVIATION MEDICAL
SERVICE OF THE AAF SCHOOL
OF APPLIED TACTICS"

COLONEL DAN C. OGLE, M.C.

Surgeon, Army Air Forces Regional Hospital No. 1, Coral Gables, Florida. "REHABILITATION OF AAF PERSONNEL"

LIEUTENANT COLONEL PAUL A.
CAMPBELL, M.C.

Director of Research, School of Aviation Medicine, Randolph Field, Texas. "RESEARCH AT THE AAF SCHOOL OF AVIATION MEDICINE"

LIEUTENANT COLONEL W. RANDOLPH
LOVELACE, II, M.C.

Chief, Aero Medical Laboratory, Wright Field, Dayton, Ohio.

"RESEARCH AT THE AERO
MEDICAL LABORATORY"

**PANEL DISCUSSIONS
ON
DENTISTRY**

THURSDAY, 2 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

**ARMY & NAVY DENTAL PROBLEMS
IN THE FOREIGN THEATERS**

CONFERENCE ROOM NO. 2 (Lobby Mezzanine)

DR. RALPH S. LLOYD, *Chairman*

United States Public Health Service, Baltimore, Md.

COLONEL E. V. COWAN, D.C.
Dental Surgeon, Fort Bragg, N. C.
"NORTH AFRICAN-ITALIAN
THEATER"

COMMANDER F. C. HILDEBRAND
(DC) USNR
U. S. Naval Training Station, Samp-
son, N. Y.
"DENTAL SERVICE ON AN
AIRCRAFT CARRIER"

**LIEUTENANT COLONEL CLARE T.
BUDGE, D.C.**
Chief, Dental Service, Ashford Gen-
eral Hospital.
"CHINA-BURMA-INDIA
THEATER"

**LIEUTENANT COLONEL GEORGE F.
JEFFCOTT, D.C.**
Dental Surgeon, U. S. Military
Academy, West Point, N. Y.
"MIDDLE EAST THEATER"

FRIDAY, 3 NOVEMBER 1944

11:30 A.M. to 1:00 P.M.

WAR DENTISTRY

CONFERENCE ROOM NO. 2 (Lobby Mezzanine)

DR. LLOYD Y. BEERS, *Chairman*

Assistant Medical Director, Veterans Administration

CAPTAIN C. V. RAULT (DC) USN
District Dental Officer, Headquarters
Third Naval District.
"THE NAVAL DENTAL CORPS
IN WAR TIME"

LIEUTENANT COMMANDER F. K. ETTER
(DC) USN
U. S. Naval Dispensary, Navy De-
partment. "THE U. S. NAVY DEN-
TAL OFFICER IN COMBAT"

LIEUTENANT COLONEL CLINTON T.
BRANN, D.C.
Dental Surgeon, Aberdeen Proving
Ground, Md. "DENTAL SERVICE
IN AN ARMY CAMP"

DR. RALPH S. LLOYD
United States Public Health Ser-
vice, Baltimore, Md. "WARTIME
ACTIVITIES OF THE DENTAL
CORPS OF THE U.S.P.H.S."

4:30 P.M. to 6:00 P.M.

CAPTAIN C. V. RAULT, (DC) USN

District Dental Officer, Headquarters, Third Naval District

DR. LLOYD Y. BEERS
Assistant Medical Director, In
Charge Dental Division, Veterans
Administration. "PRESENT DEN-
TAL OBJECTIVES AND POLI-
CIES OF THE VETERANS AD-
MINISTRATION"

LIEUTENANT COLONEL A. J.
HEMBERGER, D.C.
Walter Reed General Hospital.
"ORAL SURGERY, ITS PRAC-
TICE AND PROBLEMS IN THE
ARMY DENTAL CORPS"

LIEUTENANT COLONEL THOMAS P.
Fox, D.C.
Chief, Dental Service, Woodrow
Wilson General Hospital.
"DENTAL SERVICE IN AN
ARMY GENERAL HOSPITAL"

COMMANDER GEORGE W.
CHRISTIANSSEN, (DC) USNR
Naval Dental School, National
Naval Medical Center.
"PENICILLIN IN ORAL
SURGERY"

PANEL DISCUSSION
ON
VETERINARY MEDICINE

THURSDAY, 2 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

ARMY VETERINARY CORPS
FOOD INSPECTION FUNCTIONS

PARLOR B

COLONEL SETH C. DILDINE, V.C., *Chairman*

Headquarters Veterinarian, Subsistence Division
Office of the Quartermaster General, Chicago

COLONEL HERBERT K. MOORE, V.C.

Office of The Surgeon General, U.
S. Army. "ORGANIZATION AND
OPERATION OF THE VETERI-
NARY CORPS FOOD INSPEC-
TION SERVICE"

COLONEL FRED C. WATERS, V.C.

Depot Veterinarian, Chicago Quar-
termaster Depot.
"INSPECTION OF CANNED
AND CURED MEAT AND MEAT
FOOD PRODUCTS"

COLONEL SETH C. DILDINE, V.C.

Headquarters Veterinarian, Subsist-
ence Division, Office of The Quar-
termaster General, Chicago.
"INSPECTION OF FRESH MEAT,
MEAT FOOD AND DAIRY PROD-
UCTS"

FRIDAY, 3 NOVEMBER 1944

11:30 A.M. to 1:00 P.M.

MILK AND DAIRY PLANT INSPECTION

PARLOR B

COLONEL HERBERT K. MOORE, V.C., *Chairman*
Office of The Surgeon General, U. S. Army

MAJOR CLARENCE J. BABCOCK, Sn.C.
Veterinary Division, Office of The
Surgeon General, U. S. Army. "THE
ARMY'S MILK SUPPLY AND
PROBLEMS INCIDENT TO PRO-
CUREMENT AND INSPECTION"

COLONEL RAYMOND RANDALL, V.C.,
Director, Army Veterinary School,
Army Medical Center.
"COMMENTS ON LABORA-
TORY EXAMINATION OF
MILK AND DAIRY PRODUCTS"

FRIDAY, 3 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

VETERINARY SERVICE WITH ANIMALS

PARLOR B

LIEUTENANT COLONEL R. S. MACKELLAR, JR., V.C., *Chairman*
Office of The Surgeon General, U. S. Army

LIEUTENANT COLONEL R. S.
MACKELLAR, JR., V.C.
Office of The Surgeon General, U.
S. Army.
"THE USE OF ANIMALS IN
THE PRESENT WAR"

MAJOR THOMAS C. JONES, V.C.,
Front Royal Quartermaster Depot,
Front Royal, Virginia. "RESEARCH
IN ANIMAL DISEASES AT THE
VETERINARY RESEARCH
LABORATORY, ARMY RE-
MOUNT DEPOT, FRONT
ROYAL, VIRGINIA"

**PANEL DISCUSSIONS
ON
SANITARY ENGINEERING**

THURSDAY, 2 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

SANITARY ENGINEERING IN THE SERVICES

PARLOR C

COLONEL W. A. HARDENBERGH, Sn.C., *Chairman*

Director, Division of Sanitary Engineering Office of The Surgeon General

**LIEUTENANT COLONEL J. J. GILBERT,
Sn.C.**

**Sanitary Engineering Division, Pre-
ventive Medicine Service, Office of
The Surgeon General, U. S. Army.
"THE SANITARY CORPS OF
THE ARMY"**

**LIEUTENANT JOHN C. GEYER,
H.V(S), USNR**

**Division of Sanitation, Bureau of
Medicine and Surgery, Navy De-
partment. "SANITARY ENGI-
NEERING IN THE UNITED
STATES NAVY"**

**SENIOR SANITARY ENGINEER, H. N. OLD
Sanitary Engineering Division,
United States Public Health Ser-
vice.
"SANITARY ENGINEERING AC-
TIVITIES OF THE U.S.P.H.S."**

MAJOR B. A. POOLE, C.E.

**Chief, Water and Sewage Unit, Of-
fice of The Chief of Engineers, U.
S. Army. "SANITARY ENGI-
NEERING FUNCTIONS OF THE
CORPS OF ENGINEERS"**

FRIDAY, 3 NOVEMBER 1944

11:30 A.M. to 1:00 P.M.

FUNCTION OF SANITARY ENGINEERING

PARLOR C

Co-Chairmen

**BRIGADIER GENERAL JAMES S.
SIMMONS, M.C.**

Chief, Preventive Medicine Service,
Office of The Surgeon General, U.
S. Army.

**"SANITARY CORPS FUNC-
TIONS IN PREVENTIVE
MEDICINE"**

MAJOR STANLEY J. CARPENTER, Sn.C.

In Charge, Department of Entomology,
Fourth Service Command
Medical Laboratory.

**"ENTOMOLOGICAL
SERVICES"**

CAPTAIN GEORGE O. PIERCE, Sn.C.

Division of Medical Intelligence,
Preventive Medicine Service, Office
of The Surgeon General, U. S.
Army. **"SANITARY ENGINEER-
ING INFORMATION"**

CAPTAIN J. B. BATY, Sn.C.

Chief, Water Supply Branch, Office
of The Surgeon General, U. S.
Army.

"SANITARY ENGINEERING"

COLONEL W. A. HARDENBERGH, Sn.C.

Director, Division of Sanitary Engineering,
Office of The Surgeon
General, U. S. Army.

MAJOR ARTHUR STULL, Sn.C.

Chief, Medical Laboratory Technique Branch,
Office of The Surgeon General, U. S. Army.

"LABORATORY SERVICES"

MAJOR A. E. DOOLEY, Sn.C.

Army Industrial Hygiene Laboratory.

MAJOR R. P. WARREN, Sn.C.

Army Industrial Hygiene Laboratory.

FRIDAY, 3 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

SPECIAL PROBLEMS OF SANITARY ENGINEERING

PARLOR C

COLONEL W. A. HARDENBERCH, Sn.C., *Chairman*

**Director, Division of Sanitary Engineering, Office of The Surgeon General,
U. S. Army**

CAPTAIN JAMES B. BATY, Sn.C.

**Chief, Water Supply Branch, Office
of The Surgeon General, U. S.
Army.**

**"SPECIAL SANITARY ENGI-
NEERING PROBLEMS"**

MAJOR W. M. CULLEY, Sn.C.

**Headquarters, Second Service Com-
mand.**

**"SANITARY ENGINEERING IN
AN ARMY CAMP"**

LIEUTENANT COLONEL ROBERT N.

CLARK, Sn.C.

**Ass't Chief, Preventive Medicine
Branch, Headquarters, First Service
Command.**

**"SANITARY ENGINEERING IN
A SERVICE COMMAND"**

PANEL DISCUSSIONS
ON
MEDICAL ADMINISTRATIVE CORPS FUNCTIONS

THURSDAY, 2 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

TRAINING DUTIES OF M.A.C. OFFICERS

PARLOR A

General Chairman

LIEUTENANT COLONEL SETH O. CRAFT, P.C.

Executive Officer, Hospital Construction Branch,
Office of the Surgeon General, U. S. Army

Chairman

MAJOR T. C. M. ROBINSON, M.A.C.

Training Division, Office of The Surgeon General, U. S. Army

CAPTAIN VINCENT I. HACK, M.A.C.

Chief, Education Branch, Sanitation and Hygiene Division, Office of The Surgeon General, U. S. Army. "TRAINING DUTIES OF AN M.A.C. OFFICER AT AN A.S.F.T.C."

MAJOR THOMAS B. MAY, M.A.C.

Chief, Unit Readiness Section, Troop Training Division, Headquarters, Army Service Forces. "DUTIES OF A MEDICAL BATTALION S-3"

MAJOR WILLIAM V. WHERRETT, M.A.C.

Secretary Medical Department, Enlisted Technicians School, Fitzsimons General Hospital. "TRAINING DUTIES OF AN M.A.C. OFFICER AT AN M.D.E.T.S."

FRIDAY, 3 NOVEMBER 1944

11:30 A.M. to 1:00 P.M.

UTILIZATION OF M.A.C. OFFICERS IN THE HOSPITAL PROGRAM

PARLOR A

MAJOR ARMAND BLAIS, M.A.C., *Chairman*

Hospital Division, Office of The Surgeon General, U. S. Army

MAJOR ARMAND BLAIS, M.A.C.

**Hospital Division, Office of The Surgeon General, U.S. Army
"GENERAL POLICIES OF THE OFFICE OF THE SURGEON GENERAL IN RELATION TO THE UTILIZATION OF M.A.C. OFFICERS."**

LIEUTENANT COLONEL W. A. EMOND, P.C.

Headquarters, Second Service Command, "GENERAL POLICIES OF THE OFFICE OF THE SURGEON OF A SERVICE COMMAND RELATIVE TO THE UTILIZATION OF M.A.C. OFFICERS"

MAJOR JOSEPH W. MOLLAUN, M.A.C.

Adjutant, Walter Reed General Hospital. "GENERAL POLICIES IN GENERAL HOSPITALS RELATIVE TO UTILIZATION OF M.A.C. OFFICERS"

MAJOR SAMUEL LEVIN, M.A.C.

**Station Hospital, Camp Lee, Va.
"GENERAL POLICIES IN A STATION HOSPITAL RELATIVE TO UTILIZATION OF M.A.C. OFFICERS"**

MAJOR H. S. LOOSLEY, M.A.C.

**Officer in Charge of Admissions and Evacuation of Overseas Patients, Army Air Force Regional Hospital, Mitchel Field, N.Y.
"GENERAL POLICIES OF A REGIONAL HOSPITAL, AAF, RELATIVE TO UTILIZATION OF M.A.C. OFFICERS"**

FRIDAY, 3 NOVEMBER 1944

4:30 P.M. to 6:00 P.M.

UTILIZATION OF M.A.C. OFFICERS IN SUPPLY WORK

PARLOR A

LIEUTENANT COLONEL R. L. BLACK, P.C., *Chairman*

**Director, Storage and Maintenance Division,
Office of The Surgeon General, U. S. Army**

**LIEUTENANT COLONEL R. L. BLACK,
P.C.**

**Director, Storage and Maintenance
Division, Office of The Surgeon
General, U. S. Army. "EMPLOY-
MENT IN THE RECEIPT, STOR-
AGE AND ISSUE OF GENERAL
MEDICAL SUPPLIES"**

**LIEUTENANT COLONEL J. G. NOH,
M.A.C.**

**Director, Purchasing Division
Army Medical Purchasing Office
New York City, "PROCUREMENT
FUNCTIONS AND ASSIGN-
MENTS"**

CAPTAIN WENDELL W. PHILIPS, M.A.C.

**Kansas City Medical Depot
"DEVELOPMENT IN SPECIAL-
IZED DEPOTS"**

MOTION PICTURE SCHEDULE

KEYSTONE ROOM
(Ballroom Balcony)

THURSDAY, 2 NOVEMBER 1944 — 4:30 P.M. to 6:00 P.M.

<i>Title</i>	<i>Time</i>	<i>Source</i>
Soviet Medicine at the Front Commentary by Lillian Hellman and Frederic March	55 min.	Russian
Man Wounded (Front line medical service)	18 min.	British
Abandon Ship (Second Service Command)	20 min.	Army

FRIDAY, 3 NOVEMBER 1944 — 11:30 A.M. to 1:00 P.M.

Treatment of Severe Burns	12 min.	Navy
Treatment of Compound Fractures	12 min.	Navy
Retained Shell Fragments in the Lungs	12 min.	Army
Tantalum Plating of the Skull	12 min.	Army
Manufacture of Vaccine Contra Equine Encephalitis	12 min.	Army
Deep Sea Diving (Medical & Physical Aspects) Technicolor	28 min.	Navy

FRIDAY, 3 NOVEMBER 1944 — 4:30 P.M. to 6:00 P.M.

Curiosity killed a Cat "Booby Traps" (Second Service Command)	15 min.	Army
Baptism of Fire (Second Service Command)	37 min.	Army
Malaria—Cause and Control	22 min.	Navy
Clinical Malaria	20 min.	Navy

SATURDAY, 4 NOVEMBER 1944 — 10:00 A.M. to 12:00 Noon

Psychiatry in Action	62 min.	British
Suturing the Sciatic Nerve	12 min.	Army
Training Lookouts (night vision)	24 min.	Navy

THE RADIO PROGRAM

BECAUSE of the intense interest on the part of the general public in the medical service and care of men in the Armed Forces, arrangements have been made to broadcast many of the features of the program. For this the Association is indebted to the generosity of the major broadcasting companies and of the sponsors of several commercial programs.

During the days immediately preceding the meeting the Association President and Chairman of the Convention and Program Committees will speak briefly on the history of the Association and on the features and highlights of the meeting.

During the convention the addresses of the opening meeting and those of Army Night and Navy Night will be put on the air and in addition short "spot broadcasts" will be given on the following subjects: The Use of Penicillin; The Prevention of Neuropsychiatric Disorders in the Armed Forces; Reconditioning and Rehabilitation; and Plastic and Reconstruction Surgery.

For time and station of the above programs, consult the radio columns of the daily newspapers.





NAVY NIGHT

THURSDAY, 2 NOVEMBER 1944

HOTEL PENNSYLVANIA

ROOF GARDEN

PRESIDING OFFICER—Rear Admiral Edward U. Reed (MC) U.S.N.,
District Medical Officer, Third Naval District

8:00 P.M.

SELECTED SHORT ADDRESSES

8:30 P.M.

ADDRESS OF THE EVENING

Vice Admiral Ross T. McIntire (MC) U.S.N., Surgeon General,
U. S. Navy

9:00 P.M.

CONCLUDING REMARKS—The Presiding Officer
Orchestral Music

9:30 P.M.

SMOKER

REFRESHMENTS

ENTERTAINMENT by leading artists of stage, screen and radio





ARMY NIGHT

FRIDAY, 3 NOVEMBER 1944
HOTEL PENNSYLVANIA
ROOF GARDEN

PRESIDING OFFICER—Colonel Lucius A. Salisbury, M.C., President,
The Association of Military Surgeons of the United States

6:30 P.M.

ANNUAL DINNER OF THE ASSOCIATION—Ladies Invited—Informal

8:30 P.M.

PRESENTATION OF HONORARY AWARDS

Gorgas Medal to be presented by Mr. Frank F. Law
John Wyeth & Co.

Wellcome Medal to be presented by Mr. G. S. Dunbar
Burroughs-Wellcome Co.

Founders Medal to be presented by Colonel Lucius A. Salisbury,
M.C., President

Association Medal to be presented by Colonel Lucius A. Salisbury,
M.C., President

9:00 P.M.

ADDRESS OF THE EVENING

Major General Norman T. Kirk, Surgeon General, U. S. Army

10:00 P.M.

CONCLUDING REMARKS—The Presiding Officer

MUSIC AND DANCING

SCIENTIFIC EXHIBITS

LOBBY MEZZANINE:

Section No. 100
West Gallery

Picture Gallery

Section No. 101
South Gallery

The Bureau of Medicine and Surgery, Navy Department, Washington, D. C., and The National Naval Medical Center, Bethesda 14, Md., R. E. Duncan, Capt. (MC) USN. Models:

- (a) Modern Hospital Shop (Model).
- (b) The National Naval Medical Center (Model).
- (c) An Advance Base Hospital (Model).
- (d) An LST Landing Craft (Model).
- (e) Paintings of Naval Medical Activities.

Section No. 102-A
Writing Room

The School of Aviation Medicine, Randolph Field, Texas: Lt. Colonel Paul A. Campbell, M.C., Director of Research.

Exhibit: Aircraft injuries (photographs); ophthalmologic instruments used in aviation medicine.

Section No. 102-B
Writing Room

The Aero Medical Laboratory, Wright Field, Dayton, Ohio: Lt. Colonel W. Randolph Lovelace II; Chief of the Aero Medical Laboratory.

Exhibits: Kodachromes illustrating aero-medical activities. Recent aero-medical projects; captured oxygen equipment.

Section No. 102-C
Writing Room

Army Aviation School of Applied Tactics; Aero-Medical Department; Orlando, Florida: Colonel M. S. White, Director.

Exhibit: Activities and courses covered at the School and features taught by the Survival Section.

Section No. 102-D
Writing Room

Aero Medical Laboratory, A.A.F., Wright Field, Dayton, Ohio. R. L. Clark, Jr., Major, M.C.; Surgical Consultant.

Exhibit: Surgical Problems encountered in the Air Forces.

THE 52nd ANNUAL CONVENTION OF THE
ASSOCIATION OF MILITARY SURGEONS

Section No. 103 *La Garde General Hospital, New Orleans, La.: Major*
North Gallery *N. Schaffer, M.C.*

*Exhibit: Fungus diseases of the chest. Models;
Micro-pictures; Transparencies; Cultures; Map.*

Section No. 104 *The Mayo-Aero Medical Unit; Rochester, Minn.: Dr.*
North Gallery *A. H. Bulbulian.*

*Exhibits: Oxygen Masks for High Altitude Flight;
Prosthetic Methods of Facial Reconstruction.*

Section No. 105 *Pine Bluff Arsenal; Pine Bluff, Ark.: Lt. Colonel Sid-*
North Gallery *ney S. Scherling, M.C., Post Surgeon.*

Exhibit: Photographs of Chemical Warfare Burns.

Section No. 106-A *Second Service Command Laboratory, 90 Church Street,*
West End, *N. Y.; Colonel F. H. Foucar, M.C., U.S. Army.*
North Gallery

*Exhibits: Pathology: Gross and micro-photos.
Chemistry: Toxicological Exhibit. Bacteriology:
Identification of organisms of the typhoid-sal-
monella groups. Industrial Hygiene: Field Equip-
ment.*

Section No. 106-B *United States Coast Guard, Third Naval District.*
North Gallery *Walter G. Nelson, Medical Director.*

*Exhibit: Pictorial representation of Coast Guard
Medical Activities.*

Section No. 107 *The Army Medical Department. Art Project: Abbot*
North Gallery *Collection.*

*Exhibit: Six selected oil paintings illustrating re-
cent Medical Department military activities.*

BALLROOM MEZZANINE:

Section No. 200 *Office of the Chairman of Scientific Exhibits Committee.*
Ballroom Gallery

Booth No. 201 *The Veterans Administration Facility, 130 W. Kings-*
bridge Rd.; Bronx 63, N. Y. Dr. Mandell Shimberg.

Exhibit: Prosthetic Appliances.

Booth No. 202 *The Valley Forge General Hospital, Phoenixville, Pa.*
Colonel Henry Beenwkes, M.C.

Exhibits: Plastic Surgery; Occupational Therapy;
Blind Training; Plastic Eye Manufacture.

Booth No. 203 *The Naval Operating Base, Norfolk 11, Va.:* M. J. Aston,
Captain (MC) USN.

Exhibit: Treatment of Compound Fractures.

Booth No. 204 *Army and Navy General Hospital, Hot Springs, Ark.:*
Brig. General Ralph H. Goldthwaite.

Exhibit: Common types of arthritis; presented by
Lt. Col. Philip S. Hench, M.C.

Booth No. 205 *U. S. Public Health Service, Carville, La.:* G. H. Faget,
Senior Surgeon.

Exhibit: Leprosy.

Booth No. 206 *The Army Medical School, Army Medical Center,*
Washington, D. C.; Rickettsial Division; Colonel Harry
Plots, M.C., U.S. Army, Chief of the Virus Disease
Laboratory.

Exhibit: Microscopical Demonstration of Rick-
ettsia.

Booth No. 207 *The Walter Reed General Hospital, Washington, D.C.;*
Major General Shelley Marietta.

Exhibits: Retained shell fragments in the lungs;
Tantalum plating of the skull, suturing the sciatic
nerve; Encephalography.

Booth No. 208 *The Bruns General Hospital; Santa Fe, New Mexico:*
Brig. General Larry B. McAfee.

Exhibit: Coccidioidomycosis, presented by Lt. Col.
George J. Kastlin, M.C.

Booth No. 209 *The Army School of Roentgenology, Memphis 3, Ten-*
nessee: Colonel A. A. de Lorimier, M.C., U. S. Army.

Exhibit: Apparatus for foreign body localization.

Booth No. 210

The Fitzsimmons General Hospital, Denver, Colorado:
Brig. General Omar H. Quade.

Exhibits: Surgical Treatment of Bronchiectasis.
Operative Removal of Tumors of the Lung and
Chest. Tumors of the Testis. Surgery of Pilonidal
Tracts.

Booth No. 211

Naval Medical School, Bethesda 14, Maryland; Captain
L. R. Newhouser, (MC) USN and Douglas B. Kendrick,
Jr., Lt. Col., M.C., U.S. Army, Army Medical Center,
Washington, D. C.

Exhibit: Blood and Blood Substitutes.

Booth No. 212

Halloran General Hospital, Staten Island, N. Y.: Brig.
General Ralph G. De Voe, M.C.

Exhibit: Neuro Surgery. Penicillin, Occupational
Therapy and Reconditioning. Plastics.

Booth No. 213

The Harmon General Hospital, Longview, Texas:
Colonel G. V. Emerson, M.C.

Exhibit: Malaria and Filariasis.

Space No. 221

The Army Medical Library, Washington, D.C.: Colonel
Harold W. Jones, M.C., U.S. Army. Film Service. Pro-
duction of the Index Catalogue. Restoration of Rare
Books.

Space No. 222
Corridor

The American Medical Association, 535 N. Dearborn
Street, Chicago 10, Ill. Mr. Thomas G. Hull, Director of
Scientific Exhibit.

Exhibit: Tropical Diseases.

Space No. 223
Corridor

Office of the Surgeon General: Major General Norman
T. Kirk, U.S. Army.

Exhibit: Medical and Surgical Equipment for use
in our Task Forces.

Space No. 225
Foyer

The Army Medical Museum, Washington, D. C.:
Colonel J. E. Ash, M.C., U.S. Army, Curator.

An exhibition illustration: Tropical Diseases;
Hepatitis, Crush Kidney; Pictures taken by oversea
detachments of the Museum and Medical Arts
Service; Dental Exhibits.

Space No. 233
Foyer

*The Ashford General Hospital; White Sulphur Springs,
W. Va.: Colonel C. M. Beck, M.C.*

Exhibit: Vascular Surgery.

Space No. 234
Corridor

*The Armored Medical Research Laboratory, Ft. Knox,
Ky.: Willard Machle, Colonel, M.C.*

Exhibit: Effects of Gun Blast on Hearing.

Space No. 235
Elevator Lobby

*Army Veterinary Corps, Office of the Surgeon General,
Washington, D.C.: Brig. General R. A. Kelser, U.S.
Army. Manufacture of Vaccine contra Equine Encephalitis
(movie, Keystone Room).*

*Exhibit: The preparation of encephalomyelitis
vaccine: Testing meat, food and dairy products
for Army use: The Food Inspection Service: Peri-
odic Ophthalmia and Equine Influenza.*



Photo by Free Lance Photographers Guild

TECHNICAL EXHIBITS

IN AUXILIARY MILITARY MEDICINE

DURING the last decade, the pharmaceutical manufacturer, the surgical instrument maker, and the medical publisher have greatly extended their value to the medical profession. A dozen or more firms producing drugs now have well equipped and appropriately staffed institutes of pharmaceutical research comparing favorably with those of longer established foundations and university departments of research. Manufacturers of medical equipment and supplies devote large sums to development of new ideas for making medical and surgical care more efficient. Medical publishers of texts and journals cooperate closely with individual clinicians and research workers and with groups of investigators in making available to the entire medical profession, as quickly as possible, important new methods of therapy and other discoveries.

The impetus of war has accelerated these services auxiliary to military medicine. The usual peacetime routine has been curtailed, studies of new drugs like penicillin and sulfonamides and of plasma, have been condensed into surprisingly short periods so that they may be quickly available for the care of the wounded and ill service men. Many of these important studies have been made by pharmaceutical manufacturing concerns and by medical equipment and supply houses. These researches are of prime importance to the war effort. Without them, mortality rates would remain at World War I level.

It is proper, therefore, that a selected group of makers of medical materials — drugs, equipment, supplies and books — should present, parallel to the scientific exhibits, displays and literature describing their several contributions to military medicine of World War II.

Much information of direct importance in management of the sick and wounded service man may be obtained from a careful study of the technical exhibits.

TECHNICAL EXHIBITS

ASSOCIATION MILITARY SURGEONS

THE ALKALOL COMPANY, Taunton, Mass. (Booth 33), manufacturers two famous preparations: 1. Alkalol—a scientifically balanced alkaline, saline solution containing no glycerine and barely a trace of alcohol. It is hypotonic and a mucus solvent. 2. Irrigol—an alkaline, saline douche powder which makes a non toxic, slightly astringent solution, useful as a vaginal douche, rectal enema and for colonic irrigations.

AMERICAN HOSPITAL SUPPLY CORPORATION, Chicago (Booth 74). Baxter Intravenous Solutions and Blood, Plasma, and Serum Equipment will be a feature of the American Hospital Supply Corporation booth. Solutions in the famous Baxter Vacolitters will be displayed, along with such transfusion equipment as Transfuso-Vacs, Plasma-Vacs, and Centri-Vacs. Trained staff members will be in attendance to explain and answer questions on all phases of the Baxter Intravenous Technique. Also on display will be many specialty items of importance to better hospital routine and service.

AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y. (Booth 67). A.S.R. SURGEON'S BLADES FOR YOUR WAR-TIME NEEDS. Physicians in war-time work under high tension meeting the increased demands of civilian and soldier. You need surgical blades upon which you can depend for uniformity, quality, and sterling performance. A.S.R. Surgeon's Blades are precision-made to satisfy your most exacting demands. Visit the A.S.R. Surgeon's Blade exhibit for samples and full details. A.S.R. Surgeon's Blades are available in 9 sizes to fit all standard surgical handles. Their dependability is sure.

THE AMERICAN STERILIZER COMPANY, Erie, Penna. (Booth 32), are the manufacturers of a full line of sterilizers, stills, surgical operating tables, fracture tables, surgical lights, and ultraviolet germicidal equipment. On display during the convention will be equipment of interest to the surgeons, and qualified personnel will be in attendance for its discussion.

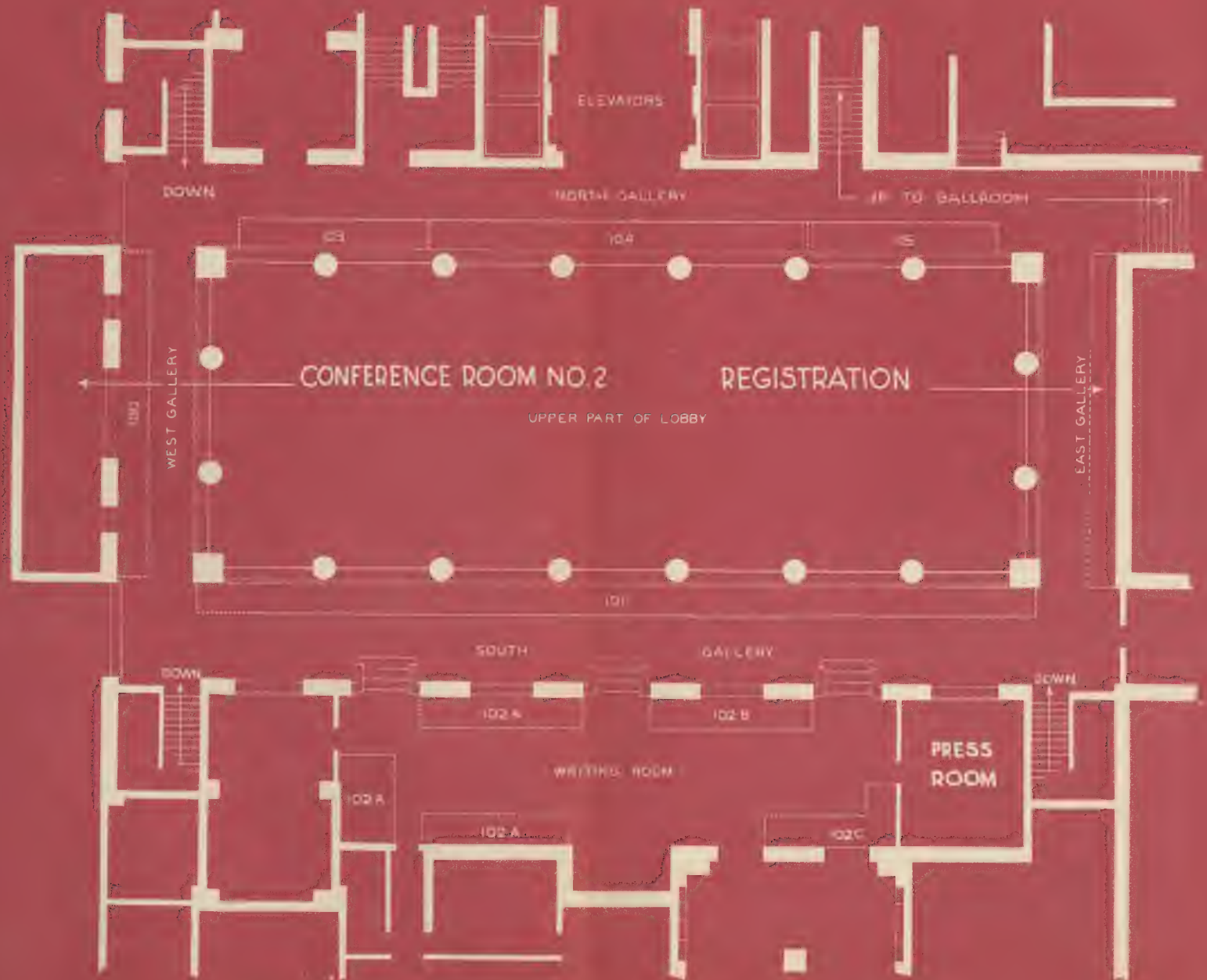
AMES COMPANY, INC., Elkhart, Indiana (Booth 29). Demonstration of urine-sugar analysis by the new Clinitest Tablet Method—simple, reliable, fast, single tests being made in less than one minute. A sensitive qualitative test giving dependable quantitative estimations up to 2%. The Clinitest Tablet Method is a copper-reduction one. They generate their own heat, therefore, neither gas nor alcohol flame is required.

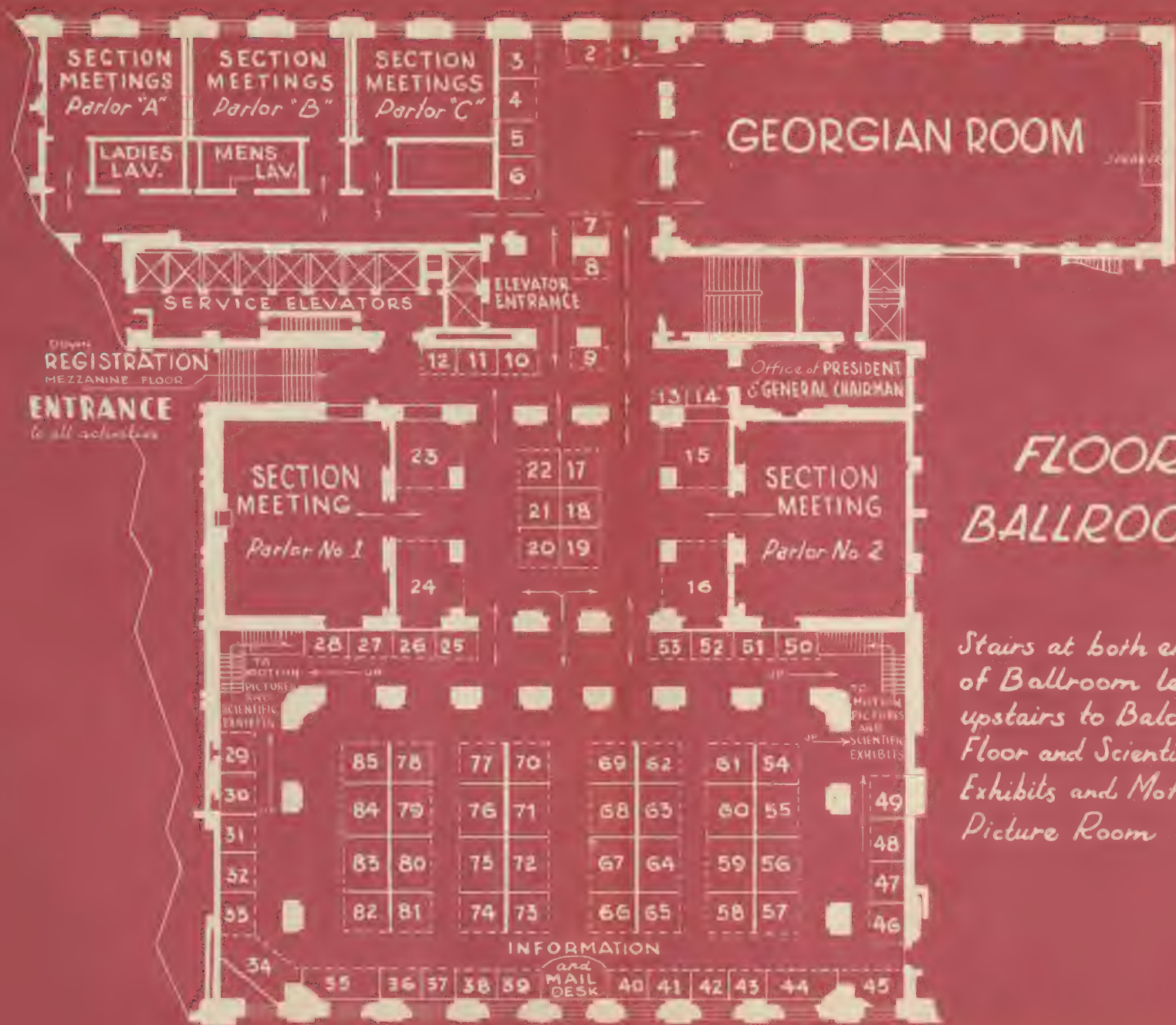
AUSTENAL LABORATORIES, INC., New York (Booth 75). **Vitalium Surgical Appliances**—Vitalium, the "Friendly Alloy," completely compatible with bone and tissue. Blood Vessel Tubes; Bile Duct Tubes; Skull Plates; Caps for Hip, Elbow, and Finger Arthroplasty; Plates, Screws, and Nails for fixation of long bone fractures; Lag Screws; Hip Nails; Arthrodesis Pins; Orbital and Testicular Implants; Intra-oral and Extra-oral Jaw Fracture Fixation Appliances and Reconstructive Appliances will be shown. An exhibition skeleton with numerous Vitalium appliances in place will be provided for surgical discussions. **Vitalium** is a homogeneous alloy that is corrosion resistant and is completely inert in vivo. It does not irritate tissues nor interfere with normal bone regeneration. It is strong, tough, and light in weight. Vitalium Surgical Appliances are X-Ray inspected. Vitalium is composed of cobalt, chromium, and molybdenum and contains no iron or nickel and is therefore not a stainless steel. Vitalium has been used for dental prostheses for over twelve years and for surgical prostheses for seven years.

BARD-PARKER COMPANY, INC., Danbury, Conn. (Booth 25), will exhibit the following products: Rib-Back Surgical Blades. Long Knife Handles for deep surgery. Renewable Edge Scissors. Formaldehyde Germicide and Instrument Containers. Transfer Forceps. Hermatological Case for obtaining bedside blood samples.

BECTON, DICKINSON & COMPANY, Rutherford, N. J. (Booth 47), will feature the Yale-Lok Syringe together with the Yale Rustless Needle with the new Huber point as the outstanding combination for quick efficient hypodermic medication; as well as the B-D Vacutainer, an instrument which affords the most convenient method of taking blood specimens efficiently and with a minimum of discomfort.

LOBBY MEZZANINE

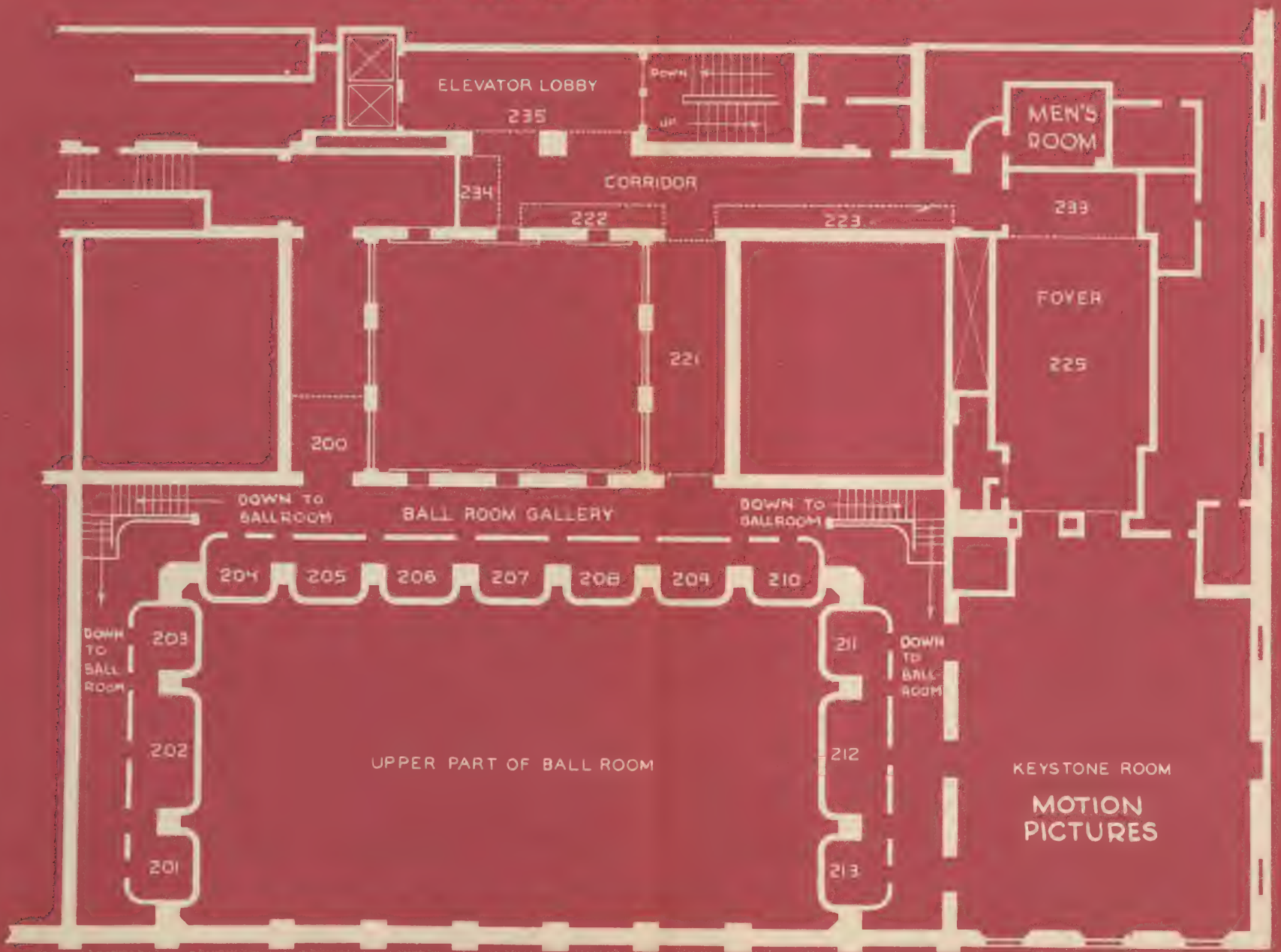




FLOOR BALLROOM

Stairs at both ends of Ballroom lead upstairs to Balcony Floor and Scientific Exhibits and Motion Picture Room

BALLROOM MEZZANINE



BILHUBER-KNOLL CORP., Orange, N. J. (Booth 63). Dilaudid, Metrazol and Theocalcin of the Army Supply Table and other of our medicinal chemicals including Bromural, Lenigallol, Oetin and Tannalbin, are on display for your approval. Call at the Bilhuber booth for the latest information on these every-day prescription chemicals. They shall be glad to discuss them from the standpoint of their use in the Armed Forces and in civilian practice.

ERNST BISCHOFF COMPANY, Ivoryton, Conn. (Booth 57), will display **AQUINONE** and **AQUAKAY**, new aqueous solution of menadione; **LOBELIN-BISCHOFF**, respiratory stimulant — resuscitant in asphyxia, traumatic shock, anesthetic accidents; **ANAYODIN**, effective, nontoxic amebicide; **DIATUSSIN AND DIATUSSIN SYRUP**, non-narcotic anti-spasmodic; **SAS-PAR**, effective oral therapy for Psoriasis; **ACTIVIN**, foreign protein for non-specific therapy; **VISCYSATE**, symptomatic relief of hypertension.

BREWER & CO., INC., Worcester, Mass. (Booth 4), will feature Theodate, the original enteric coated tablet of Theobromine Sodium Acetate for Angina Pectoris; Luasmin capsules and enteric coated tablets, with Ampule Ether in Oil as adjuvant therapy, for the symptomatic control of Bronchial Asthma; Deratol and Hi-Deratol, oral and injectable, Hebo process Vitamin D₂.

BURROUGHS WELLCOME & CO. (U.S.A.) INC., New York (Booths 37-38), presents a representative group of fine chemicals and pharmaceutical preparations, together with new and important therapeutic agents of Special interest to the medical profession.

CAMBRIDGE INSTRUMENT COMPANY, INC., New York (Booth 35). The invaluable help which electrocardiograms provide for physicians in military, industrial and civilian practice, makes the Cambridge Instrument Company exhibit of cardiac diagnostic instruments particularly timely. In their booth they will feature, as part of a complete exhibit of cardiac diagnostic instruments, the compact, lightweight, portable "Simpli-Trol" model Electrocardiograph-Stethograph that produces electrocardiogram and stethogram separately or simultaneously. Cambridge Electrocardiographs for large or small hospital, research laboratory, clinic, or private office will also be demonstrated at their exhibit.

CAMEL CIGARETTES, New York (Booths 76-77), will exhibit large detailed photographs of equipment used in comparative tests of the five largest-selling brands of cigarettes. Dramatic visualization of nicotine absorption in the human respiratory tract from cigarette smoke will be demonstrated. International news with the **CAMEL Cigarette Trans-Lux "Flash Bulletins,"** may be seen while enjoying a supply of slow-burning **CAMEL Cigarettes**.

THE CAMERON HEARTOMETER COMPANY, Chicago (Booth 54), is showing the improved Heartometer, a scientific precision instrument for accurately recording systolic and diastolic blood pressures. It also furnishes a permanent graphic record of the pulse rate, the nervous functioning of the heart, the myocardial response, as well as the functioning of the valves. The Heartometer clearly reveals heart disturbances in both early and advanced stages and is of great value in checking the progress of medication and treatments.

S. H. CAMP & COMPANY, Jackson, Mich. (Booth 72), will exhibit a series of anatomical drawings by Tom Jones as the central theme of their exhibit. A Complete line of Camp Anatomical Supports for orthopedic, visceroptosis, sacro-iliac, hernia and other specific conditions will be shown. Experts from the Camp Staff will be in attendance to answer questions pertaining to the scientific application of these supports and to advise regarding the availability of them in Authorized Service departments of stores throughout the country.

CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J. (Booth 65), cordially invite physicians to visit their booth where Ciba representatives will answer questions regarding their specialties, and discuss in detail their newest preparations: **PRIVINE** Hydrochloride, a powerful nasal vasoconstrictor with a prolonged action; and **METANDREN LINGUETS**, newest form of **METANDREN**, most potent androgen available for oral use.

CITRUS CONCENTRATES, INC., Dunedin, Fla. (Booth 48). A cordial invitation is extended to visit the booth of Citrus Concentrates, Inc., and sample the delicious Orange and Grapefruit Juices there displayed. These juices are made from the well known **SUNFILLED Concentrated Products**, which are in wide-spread use throughout the military organization. The story back of **SUNFILLED Pure Concentrated Juices** will be of great general interest, and a drink of ice cold juice will prove not unwelcome.

CLAY-ADAMS COMPANY, INC., New York (Booth 15). The Clay-Adams Company exhibit will be divided into two sections, first a demonstration of new developments in surgical, medical, and laboratory equipment; the other new developments in visual aids featuring the Medichrome slides — 2x2" kodachrome transparencies of various medical specialties including Tropical Diseases, Dermatology, Syphilology and other pathological specialties.

THE COCA-COLA COMPANY, Atlanta, Ga. (Booth 34). Coca-Cola will be served to the delegates of the convention with the compliments of the Coca-Cola Company.

CRESCENT SURGICAL SALES CO., INC., New York (Booth 80), will be "on deck" as usual with their fine line of rigid, keen cutting, surgeons' detachable blades and handles. A New line of solid aluminum handles for plaster cutting and laboratory use will be shown. This line uses old surgical blades discarded in the operating room. Visit their booth #80.

THE DENVER CHEMICAL MFG. COMPANY, New York (Booth 55), will display Galatest, dry reagent for instantaneous detection of urine sugar; used by many leading hospitals, medical departments of industries, induction centers, and increasing numbers of private practitioners. Also, Acetone Test (Denco), dry reagent for instantaneous detection of acetone in urine. Both these reagents are simple, accurate, speedy and economical.

THE DOHO CHEMICAL CORPORATION, New York (Booth 71). Animated Pathological Ear Exhibit. The Auralgan Exhibit consists of a model of the human auricle four feet high together with a series of twenty-four three dimensional ear drums, modeled under the supervision of outstanding otologists. Each of these drums depict a different pathologic condition based upon actual case observation and prepared, in so far as possible, with strict scientific accuracy so as to be highly instructive and interesting to all physicians.

E & J MANUFACTURING COMPANY, Glendale, Calif. (Booth 11). The newest developments in mechanical resuscitation will be demonstrated by the Pioneers and Specialists in this important field of emergency work. Automatic Breathing by mask and intra-tracheal catheter will be shown.

ELECTRO-PHYSICAL LABORATORIES, INC., New York (Booth 14). The new EPL direct-recording electrocardiograph which gives instantaneous readings without the use of any photographic processes, will be attached to a mechanical heart. This combination will demonstrate how the electrocardiograph operates. In addition, there will be another machine available which will be used for taking action of spectators.

J. H. EMERSON COMPANY, Cambridge, Mass. (Booth 3). A complete line of resuscitation equipment will be shown including the military model, operating with oxygen or by hand or foot power doing automatic breathing and aspiration as well as the standard hospital and ambulance models. Also the new Hot Pack apparatus which has been so successful in treating Polio, Arthritis, Neuralgia, etc.

ETHICON SUTURE LABORATORIES, New Brunswick, N. J. (Booth 20). Tantalum, New "Biologically Inert" Surgical Metal to be Shown. Tantalum sutures, clips, ribbon, wire, plates, sheets and foil for the repair of fractured bones, severed nerves, skull defects and many other surgical jobs where minimal tissue reaction and strength are of especial importance will be shown to surgeons visiting this exhibit.

C. B. FLEET CO., INC., Lynchburg, Va. (Booth 13). The members attending the Convention of The Military Surgeons are invited to visit this booth to better acquaint them with the use of Phospho-Soda (Fleet) in the treatment of Tropical Diseases, especially Malaria, Amebic and Bacillary Dysentery. The use of this product in the surgical field will also be discussed by their representatives.

THE FOREGGER COMPANY, INC., New York (Booth 82), will show Anesthesia Apparatus including specially designed units for General and Field hospital use, Endotracheal Equipment and Oxygen Therapy Apparatus. A complete assortment of laryngoscopes, including the new Macintosh Model may be seen as well as other new items of interest.

GENERAL ELECTRIC X-RAY CORPORATION, Chicago (Booth 45). Featuring G. E. X-Ray's exhibit will be a complete display and practical demonstrations of Stader Splints for the treatment of fractures by external fixation. The increasing interest in this device, among both civilian and military surgeons, is in light of its extensive use in the U. S. Navy, Medical Corps, and in the Canadian Military Services.

HANOVIA CHEMICAL & MFG. COMPANY, Newark (Booth 70), will display a complete line of self-lighting ultraviolet lamps for official and general body irradiation. Don't fail to inquire about the new **LIGHTHOUSE** model. It is designed to irradiate groups of 15 or more persons simultaneously. A large number have already been supplied for installation on battleships and to the Army Air Force in various localities.

HOFFMANN-LA ROCHE, INC., Nutley, N. J. (Booth 61). Pharmaceutic prescription specialties of rare quality, produced at Roche Park, where vitamins are made by the ton, will be exhibited. Syntropan, the antispasmodic that is replacing belladonna, will be a featured product. The medical profession's interest in the many uses of the versatile Prostigmin and other scientific accomplishments will be satisfied by Hoffmann-La Roche representatives who will be in attendance to discuss clinical problems.

HOLLAND-RANTOS COMPANY, INC., New York (Booth 19), cordially invite you to visit their exhibit where on display will be the Koromex products along with the universally accepted Koromex Set Complete. Highly trained detail representatives will be on hand to answer your questions. A set of the Dickinson-Freret charts will be given to all attending physicians.

HYNSON, WESTCOTT & DUNNING, INC., Baltimore (Booths 78-79). Prominent among the products exhibited will be Mercurochrome, now in the 23rd year of acceptance by the Council on Pharmacy and Chemistry of the American Medical Association. Sterile Shaker Packages of Crystalline Sulfanilamide, developed in the H. W. & D. laboratories in cooperation with military authorities for use in the treatment of wounds, will also be displayed. Thantix Lozenges and Lutein Extract Ampules, in addition to the diagnostic solutions and apparatus supplied by the manufacturers, will be featured. The clinical effectiveness of Lutein Extract, an aqueous extract of corpus luteum, in the treatment of obstetrical complications, especially threatened and habitual abortion, will be illustrated by especially prepared diagrams. Visiting delegates are invited.

KELLOGG COMPANY, Battle Creek, Michigan (Booth 46). All Kellogg cereals contribute valuable whole-grain nutrients to the daily diet. One serving of Kellogg's Pep furnishes $\frac{1}{4}$ the minimum daily requirement for adults for vitamin B₁ and sufficient vitamin D to meet all daily requirements for that vitamin. Corn Flakes and Rice Krispies have a place in wheat-free and low residue diets. All-Bran contributes $\frac{1}{4}$ daily minimum requirement for iron and $\frac{1}{2}$ the minimum daily requirement for niacin.

LEA & FEBIGER, Philadelphia (Booth 81), will exhibit among their new works Babcock's "Principles and Practice of Surgery," Donaldson's "Surgical Disorders of the Chest," and Lewin on Backache, Moon on Shock, Moritz' "Pathology of Trauma." New editions will be shown of "Laboratory Methods of the United States Army," Spaeth's "Ophthalmic Surgery," Rowe's "Elimination Diets," Rhinehart's "Roentgenographic Technique," Craig & Faust's "Clinical Parasitology," Kraines "Therapy of the Neuroses and Psychoses," Portis on the Digestive System, and Gray's Anatomy.

LEDERLE LABORATORIES, INC., New York (Booth 64), are showing products of value and interest in the field of military surgery: Sulfadiazine and its various by-products, Typhus Vaccine, Gas Gangrene Antitoxin, Blood Plasma, Penicillin and the new Shigella Dysentery Diagnostic Sera. Members of the Lederle staff will be in attendance to answer inquiries and distribute literature. The Lederle exhibit will be under the direct supervision of Mr. E. Caso of the New York office.

ELI LILLY AND COMPANY, Indianapolis, Ind. (Booth 26). The Lilly exhibit will feature an anatomical model illustrating the technics of caudal and spinal anesthesia. Lilly products will be on display, and medical service representatives will be present to assist visiting physicians in every possible way.

J. B. LIPPINCOTT COMPANY, Philadelphia (Booth 12). Come in and see the complete list of LIPPINCOTT SELECTED PROFESSIONAL BOOKS. Significant new titles include: Simmons-Wayne-Anderson-Horack: **GLOBAL EPIDEMIOLOGY**; Bunnell: **SURGERY OF THE HAND**; Fry and Associates: **MAXILLO-FACIAL INJURIES**. See also newest editions of Ferguson: **SURGERY OF THE AMBULATORY PATIENT**; Rigler: **OUTLINE OF ROENTGEN DIAGNOSIS**, together with the ever-new LIPPINCOTT JOURNALS.

THE MACMILLAN COMPANY, New York (Booth 23), cordially invite you to visit their booth where they will display a selected group of text and reference books in medicine, surgery and public health. Of particular interest is the new Third Edition of White's **HEART DISEASE** — "a classic in the field of cardiology."

THE MAICO COMPANY, INC., Minneapolis, Minn. (Booth 49). Awarded the Army-Navy "E" for excellence in the production of almost 100 per cent of the precision hearing test instruments used by the armed forces, The Maico Company, Inc. will present an unusual display incorporating practical and technical information on hearing test instruments and the latest tiny Maico vacuum tube hearing aids. These midget electronic devices are playing an important part in the Army's program of rehabilitation of the deafened. New electronic devices for the medical profession such as tiny pocket electro-stethoscopes will also be shown.

MEAD JOHNSON & COMPANY, Evansville, Ind. (Booth 16). "Servamus Fiden" means We Are Keeping the Faith. Almost every physician thinks of Mead Johnson & Company as the maker of Dextri-Maltose, Pabulum, Oleum Percomorphum, and other infant diet materials — including the new pre-cooked oatmeal cereal, Pabena. But not all physicians are aware of the many helpful services this progressive company offers physicians. A visit to booth No. 16 will be time well spent.

MEDICAL FILM GUILD, New York (Booths 50-51), emphasizes its talking papers in this year's program of "MEDICAL FILMS THAT TEACH." Hospital and Medical Society program chairmen, now faced with depleted staffs because of the war emergency, who desire educational material for their meetings, find that Medical Film Guild's motion picture film text books answer that important problem. Through grants for post graduate instruction, these films are available at no charge to any hospital or medical society meeting and to the medical services connected with the Armed Forces of the United States. Exhibition is also included at no charge under this plan. Subjects available are — Inguinal Hernioplasty, Asphyxia Neonatorum, Amebiasis and its Treatment, Non-Operative Treatment of Paranasal Sinusitis, Otitis Media in Pediatrics, A Clinic on Acute Mastoiditis, Otoscopy in the Inflammations, A Clinic on Sigmoid Sinus Thrombosis, A Clinic on Petrositis with Meningitis, A Clinic on Chronic Otitic Purulencies and Pharmacology of Respiratory Stimulants.

MERCK & CO., INC., Rahway, N. J. (Booths 17-18). For the third time, the employees of all three plants of Merck & Co., Inc., at Rahway, N. J., Philadelphia, Pa., and Elkton, Va., have won the Army-Navy Production Award for "meritorious services on the production front." The addition of the second star to the Merck "E" Flag is a challenge to Merck employees to continue their essential production of penicillin, atabrine, sulfa drugs, "DDT," vitamins, and other products required by our Armed Forces to heal wounds, relieve pain, prevent infection, and combat disease. Merck representatives will be pleased to welcome you at their booths.

THE WM. S. MERRELL COMPANY, Cincinnati (Booth 6). Several important new developments of Merrell Research will be featured, including Solution VONEDRINE WITH CEEPRYN, the vasoconstrictor of prolonged action without central nervous stimulation; SULFA-CEEPRYN CREAM, the sulfonamide cream reinforced with a detergent-germicide; and NETHACOL, the bronchodilator and expectorant that provides more effective control of cough.



THE C. V. MOSBY COMPANY, St. Louis (Booth 66). A cordial invitation is extended to visit this booth where the C. V. Mosby Company will have its publications on display. Its representatives will be glad to have you drop in to look over current medical literature and discuss your book needs with you.

THE NATIONAL DRUG COMPANY, Philadelphia (Booth 73), will feature colored photographic studies of clinical work performed with the company's Allantomide products. Of special interest to physicians is the new line of multiple antigens for simultaneous immunization. The outstanding "National" biologicals, biochemicals and pharmaceuticals will also be displayed. Trained representatives will be available for discussion of preparations for military or civilian use.

NUTRITION RESEARCH LABORATORIES, Chicago (Booth 30), will feature Ertron, used extensively by the medical profession in the treatment of chronic arthritis. New clinical literature pertaining to the product will be available for members and guests of the association. Representatives of the company will be on hand at all times and will welcome the opportunity of discussing the merits of our product.

PARKE, DAVIS & COMPANY, Detroit (Booth 62), will display many outstanding Pharmaceuticals and Biologicals. Included in this Technical Exhibit are such noteworthy products as PHEMEROL, a new type of germicide and antiseptic; ADRENALIN PREPARATIONS; MAPHARSEN; THEELIN; DESPECIATED ANTITOXINS; also other therapeutic agents of current interest. You are cordially invited to visit this Exhibit.



PHILIP MORRIS & CO., LTD. INC., New York (Booth 21), will demonstrate the method by which it was found that Philip Morris Cigarettes, in which diethylene glycol is used as the hygroscopic agent, are less irritating than other cigarettes. Their representative will be happy to discuss researches on this subject, and problems on the physiological effects of smoking.

PHILOSOPHICAL LIBRARY, New York (Booth 10), will have on display the following books: "War Medicine" edited by Comdr. W. S. Pugh; "Rehabilitation of the War Injured" edited by Drs. William Brown Doherty and Dagobert D. Runes; "Tropical Nursing" by Dr. A. Gregg; "Practical Malaria Control" by Capt. Carl Gunther; "Minor Surgery" by Dr. Sir Humphrey Rolleston and Alan Moncrieff; "Conquest of Bacteria" by F. Sherwood Taylor; "Virus Diseases in Man, Animal, and Plant" by Gustave Seiffert and "Dictionary of Biochemistry" edited by William M. Malisoff.

RARE CHEMICALS, INC., Harrison, N. J. (Booth 36), will exhibit Eucupin, local anesthetic with long-lasting analgesic effect. Supplied in aqueous and oil solutions for infiltration anesthesia; also in ointment and suppository form. Salysal, analgesic, antirheumatic, for powerful salicylate therapy. Rare will also feature Acidolate, water-miscible sulfated oil detergent, for use in skin conditions when soap is contra-indicated or inadequate.

RIEDEL-DE HAEN, INC., New York (Booth 22). In this booth two important products will be presented for use by military surgeons: Pernoston sodium, an injectable hypnotic, employed for preanesthetic medication or for producing immediate sleep of from five to six hours duration — and Decholin sodium, a chemically pure bile salt preparation, suitable for intravenous medication and blood velocity determinations.

W. B. SAUNDERS COMPANY, Philadelphia (Booth 69) will exhibit their complete line of books. Included among the new and important books to be shown are: Bockus' 3-volume work on "Gastro-enterology," 5th edition of Christopher's "Minor Surgery," Erich & Austin's "Traumatic Injuries of Facial Bones," Orr's 1-volume "Operations of General Surgery," 3rd edition of Stokes' "Syphilology," the Military Medical and Surgical Manuals, Solomon & Yakovlev's "Military Neuropsychiatry," Shaar & Kreuz' "Treatment of Fractures by External Skeletal Fixation," and many others.

SCHENLEY LABORATORIES INC., New York (Booth 27). An interesting and informative exhibit portraying the clinical indications and administration of Penicillin Schenley. Included are color photographs of patients successfully treated. A series of pictures illustrates the manufacture, standardization, and testing of Penicillin Schenley at the laboratories at Lawrenceburg, Indiana.

SCHERING CORPORATION, Bloomfield, N. J. (Booth 9), is emphasizing its new cholecystographic media, Priodax Tablets. This preparation has been received with great enthusiasm by X-ray men everywhere, both civilian and military. It is available to all the military services in unlimited quantities. Professional service representatives will be on hand to discuss Neo-Iopax, an opaque media for intravenous urography, as well as Schering's endocrine products and Vasano, a product for airsickness and seasickness.

SHARP & DOHME, INC., Philadelphia (Booths 83-84-85), will feature their new sulfonamide, Sulfamerazine, and also 'Sulfasuxidine,' 'Lyovac' Normal Human Plasma, Normal Serum Albumin (Human) and Tyrothricin. There will also be on display other biological products and pharmaceutical specialties of interest to the Military Surgeon. A cordial welcome awaits all visitors.

J. R. SIEBRANDT MANUFACTURING CO., Kansas City, Mo. (Booth 1). The new Clayton Transfixion Splints now offered to the Medical Profession by Siebrandt, have many advantages over other external fixation splints because they are built of Plastic, extremely light in weight, transparent to X-Ray. They are simple in construction, have no complicated mechanism to adjust, and require only a hexagon wrench to immobilize the fracture. They eliminate plaster casts, reduce cost and time of treatment, and makes patient early ambulatory. They will also show at their booth a complete line of Bone Instruments and Fracture Equipment, including the Goodwin Bone Clamp which simplifies the technique for wiring long bone fractures; and the Davidson Director for hip nailing.

SINGER SEWING MACHINE COMPANY, New York (Booths 52-53). Specially trained demonstrators will exhibit the Singer Surgical Stitching Instrument. This instrument, which was developed in close cooperation with the surgical profession, has attracted much attention at medical conventions, and clinical trials have definitely proved its success and practicability. All doctors, nurses and hospital staff members are cordially invited to see this unique contribution to surgery. Motion pictures of operations showing the instrument in use will be shown, and free literature describing the instrument in detail will be available.

SMITH, KLINE & FRENCH LABORATORIES, Philadelphia (Booth 5), will feature Benzadrine Sulfate Tablets and 'Paredine' — Sulfathiazole Suspension. The potent central nervous stimulation of Benzadrine Sulfate offers, throughout a wide range of application, "a therapeutic rationale which, in its very efficiency, cuts across the old categories." Paredine — Sulfathiazole Suspension is the only vasoconstrictor-sulfonamide combination which combines prolonged bacteriostasis, non-stimulating vasoconstriction, and therapeutically ideal pH. Not a solution, but an aqueous SUSPENSION of 'Micaform' crystals of free sulfathiazole, it produces no irritation, no stinging and no hyperemia. Especially trained professional representatives will be glad to discuss with you the potentialities and possible indications of their products in your own practice.

E. R. SQUIBB & SONS, New York (Booth 56), cordially invite physicians to visit their exhibit. Several new items will be shown. Among them is Intocestrin, the standardized Purified Curare Extract now widely used to soften convulsion in shock therapy and to afford muscular relaxation in surgery; a new highly useful therapeutic multi-vitamin preparation; a sulfathiazole-ephedrine-derivative combination for ophthalmic use — and, of course, Penicillin.

TANTALUM DEFENSE CORPORATION, North Chicago, Ill. (Booth 31). This exhibit will consist of a display of tantalum material used in surgery including sheet, wire, foil, sutures, skull plates, bone fixation plates, bone screws and other appliances. Illuminated transparencies showing clinical uses of tantalum materials will be featured.

THERM-O-RITE PRODUCTS CO., Buffalo, N. Y. (Booth 7), will display Hypothermy Equipment showing the use of Cold in Medicine — with particular emphasis on Refrigeration Anesthesia in Amputations.

WALLACE & TIERNAN PRODUCTS, INC., Belleville, N. J. (Booth 24), cordially invite you to visit their exhibit on Azochloramid and register for literature and samples. This modern chlorine antiseptic has attained general recognition as a valuable antiseptic adjunct to the surgical care of contaminated and infected wounds. Motion pictures of several interesting surgical procedures (general, plastic and orthopedic) will be shown. Their representatives will welcome your questions and comments.

THE WAR DOCTOR, New York (Booth 8). The War Doctor, a magazine of humor for the medical profession, has been in existence for two years; and Frank W. Murphy, who has been responsible for its editorial policy during that period, will be in attendance to greet his 80,000 readers. Suggestions and criticism will be welcomed.

WILLIAM R. WARNER & CO., INC., New York (Booths 58-59-60), will exhibit its extensive line of specialty pharmaceuticals, including several new preparations of interest to physicians engaged in general and specialized practice.

WAUGH EQUIPMENT COMPANY, New York (Booth 28).

WHITE LABORATORIES, INC., Newark (Booth 2), will have on display interesting copies of a series of publications under the general title "Diagnostic Aids to Vitamin Deficiency Conditions." Medical Service Representatives in attendance will be very glad to discuss these with you. The latest clinical reports on results of the use of White's Vitamin A and D Ointment in the treatment of burns and various types of ulcers will also be available. This is a product which you will undoubtedly find of great interest.

THE WILLIAMS & WILKINS COMPANY, Baltimore (Booth 39). Among books of proven interest to military medical personnel that will be exhibited at this booth are: Bailey's "Surgery of Modern Warfare"; "Aviation Medicine" by Armstrong; "Tropical Diseases" by Manson-Bahr; "Fractures" by Watson-Jones; "Atlas of Anatomy" by Grant; "Physiological Basis of Medical Practice" by Best & Taylor.

WINTHROP CHEMICAL COMPANY, INC., New York (Booth 68), has available a number of interesting and highly informative booklets, ask particularly for your copy of Penicillin, Annotated Bibliography and Demerol, new analgesic, spasmolytic and sedative.

WYETH INCORPORATED (S.M.A. Corporation Division), Philadelphia, Pa. Up to the minute information on Infant Feeding and Nutritional Biochemicals can be obtained at the S.M.S. Corporation exhibit. Of particular interest to most physicians is the new protected Vitamin A product Caritol.

WYETH INCORPORATED (John Wyeth & Brother Division), Philadelphia, Pa. You are cordially invited to visit the Wyeth exhibit where Bepron, Amphojel, Phosphajel, Kaomagma, Silver Picrate, B-Plex and other pharmaceutical specialties will be featured.

WYETH INCORPORATED (Reichel Division, Biologicals), Philadelphia, Pa. You are invited to visit the Biological Division exhibit where representatives will be pleased to explain the uses of the Wyeth Allergenic Diagnostic Equipment.



PRIZES AND

THE OFFERING of prizes for appropriate essays and research is one of the accepted functions of learned societies, and has been a continuing practice of our own.

THE ENNO SANDER PRIZE AND MEDAL

In 1899 General Nicholas Senn, our founder, announced that Major Enno Sander of St. Louis, a founder member, had signified his intention to donate annually one hundred dollars and a gold medal to the writer of the best essay offered on a military-medical subject. There were seven competitions between the years 1900 and 1908, usually upon an assigned subject.

THE SEAMAN PRIZE

This was a cash award offered by Major Louis Livingston Seaman, formerly Surgeon, First United States Volunteer Engineers, first in 1900. It was not exclusively for members of the Association, though they were among the eligibles. Major Edward Lyman Munson of the Army won it in 1900 and again in 1909 and Major Jefferson Randolph Kean in 1904. This prize competition was discontinued after 1910.

THE ASSOCIATION OF MILITARY SURGEONS PRIZE

With the discontinuance of the two before mentioned prizes the Association itself in 1911 offered a prize of two hundred dollars for the best essay upon an assigned subject. It was won by Captain Edward Bright Vedder of the Army. It was not offered again.

THE WELLCOME MEDAL AND PRIZE

For more than a quarter of a century the Wellcome award has been the most valuable that has been within the gift of the Association to its members. The award was founded by Sir Henry Wellcome of London, philanthropist and promotor of medical research. As first founded there were awards of a gold medal and of a silver medal, with cash prizes of three hundred and two hundred dollars. Later the second prize was discontinued and the cash prize raised to five hundred dollars. It was first awarded in 1916 and except for two years when no recommendation could be made, has been given in every year since that time. After a long term in which the prize was won by members from the Army and Public Health Service, for the past four years it has been won by officers of the Navy. Mr. Thomas Nevin, president of the American branch of Burroughs, Wellcome and Company, presented the award to Captain Louis H. Roddis in 1943.

THE KOBER LECTURESHIP

This lectureship, founded in 1923 by the late Dr. George M. Kober, a former dean of the Georgetown University School of Medicine, is supported by a fund of ten thousand dollars, to provide a prize for a lecture upon some topic of preventive medicine to be delivered under the auspices of Georgetown University.



A W A R D S

By the terms of the bequest the nomination of the Kober lecturer devolves every third year upon the Executive Council of the Association of Military Surgeons, eligibility confined to officers of the Army, Navy, and Public Health Service. Captain Lloyd R. Newhouser of the Navy is scheduled to deliver the lecture in 1945.

THE GORGAS MEDAL

The Military Surgeon of November 1916 shows the photograph of a drawing of *The Gorgas Medal*, the caption of which states that it was to be offered annually by the New York State Association of the Medical Reserve Corps, U. S. A. (Inactive) for the best essay showing original research.

There is no record of this Gorgas Medal ever having been awarded or even struck.

In 1942 a New Gorgas Medal and Prize was established by John Wyeth and Brother of Philadelphia. In that year a silver medal and a prize of five hundred dollars was presented to each of three members of the Association. The recipients were Brigadier General Jefferson Randolph Kean, U. S. Army, retired, Rear Admiral Edward R. Stitt, U. S. Navy, retired, and Brigadier General Frederick F. Russell, formerly of the Army medical service. Presentations were made by Mr. Frank Law, vice-president of the Wyeth Company at a luncheon at the Cosmos Club in Washington.

Dr. Hugh S. Cumming, a former Surgeon General of the Public Health Service was presented with the medal of 1943 at the Philadelphia meeting.

The Executive Council has voted the Gorgas award for 1944 to Commander James J. Sapero of the Medical Corps of the Navy. It will be presented at the annual meeting in New York in November.

THE FOUNDERS MEDAL

This medal was created to commemorate the fiftieth anniversary of the founding of the Association. It was authorized by a vote of the Executive Council on May 12, 1941. This medal is awarded by vote of the Executive Council to members for notable contributions to military medicine or to the interests of the society. The first awards were made on the occasion of the Golden Jubilee Meeting in Louisville in October 1941 when Colonel Arthur T. McCormack was so honored for his management of the Louisville meeting and Colonel Edgar Erskine Hume for his *History of the First Half Century, 1891-1941*.

It has been realized by the officers of the Association, that even more prized than the medal and of more use is a certificate to accompany it. The Wellcome award and the Gorgas award both carry certificates, with appropriate citations, that are notable examples of the engraver's art. They will warrant space in any office or library. Scarcely less worthy of admiration and pride is the beautifully printed certificate that accompanies the Founders Medal.

The officers of the Association take pride in the recognition evidenced by these awards that our society has been and continues to be a prime factor in education in the field of military medicine.

LUCIUS A. SALISBURY,
President.



Woodcut from "Field Book of Military Surgery," H. V. Gersdorf, 1528

THE VOICE OF THE ASSOCIATION

IN THE office of the Secretary of the Association there is cherished and guarded a small booklet, *The Transactions of the Association of Military Surgeons of the National Guard of the United States for the Year 1891* printed in Milwaukee in that year. This booklet is Volume I of the publication which since the issue of January 1907 has borne the name of *The Military Surgeon*. Edited by Frederick Lawson Matthews, Surgeon General of the Illinois National Guard, it records the incidents of the meetings in Chicago on September 17 and 18, 1891, at which the organization of the Association was accomplished, together with a clinic by General Nicholas Senn and two addresses made before the meeting.

For nearly a decade thereafter the *Proceedings* of the annual meetings of the Association were published by the Secretary in volumes of ever-increasing size. In 1901 there was realized a project that had for years been the dream of the society's officers. The Secretary, Major James Evelyn Pilcher, was authorized to begin the publication of a quarterly journal which it was hoped could soon be expanded into a monthly. In August of that year appeared the first issue of the *Journal of the Association of Military Surgeons of the United States*. With the issue of July 1903 the journal became a monthly publication.

The journal was fortunate in having for its first editor one who had a long and varied experience in that field. In his younger years he was associated with his brother Dr. Lewis Stephen Pilcher in editorial work on the *Annals of the Anatomical and Surgical Society*. He was himself editor of the Fourth Series of *Pennsylvania Archives*. Ill-health compelled his resignation as Secretary-Editor after ten years of tenure. He was succeeded by Major Charles Lynch of the Army Medical Corps in 1908 and the office was moved to Washington. In 1913 Samuel Cecil Stanton, later Surgeon General of Illinois, was elected Secretary and for two years the journal was edited from Chicago. The office came back to Washington in 1916 when Lieutenant Colonel Edward Lyman Munson was elected Secretary-Editor. His very ca-

pable administration of the office was interrupted by the demands of war and during the years 1917-1919 two notably distinguished members of the Army Medical Corps were in charge of the journal for short terms, Colonel John Van R. Hoff and Colonel Louis Anatole LaGarde. These *ad interim* editors were succeeded by Colonel James Robb Church, who conducted the journal from 1919 until his sudden death in August 1923. In this emergency Major Edgar Erskine Hume, on duty in the Army Medical Library, was drafted by Colonel Charles Lynch, President of the Association, to carry the journal on until the next annual meeting. At that meeting, Brigadier General Jefferson Randolph Kean was elected Secretary-Editor, a position which he held for a decade. General Kean brought to his editorial duties a quality of scholarship that was quickly reflected in the pages of the journal.

The direction of the journal passed into the hands of Major General Harry Lorenzo Gilchrist in 1935. After one of the most distinguished careers in the history of the medical service of the Army he had just been retired from the position of head of the Chemical Warfare Service. A tried administrator in many fields, he devoted himself to the task of building up the financial structure of the Association and the management of the journal. It was a going concern that he turned over to the writer, following a cerebral hemorrhage suffered in April 1940, which incapacitated him from further duty.

The format of the Journal has experienced many changes in the forty odd years that it has been periodically issued. The changes have always been aimed toward improvement in appearance and in content. The familiar aspect that the journal carries today has been little changed since it was adopted during the regime of General Kean. The modifications that have been forced upon us by the exigencies of the present war will be discussed later.

Much more striking than the changes in appearance have been those in the journal's content through the years. There have been times in the past when the editor has been hard put to obtain the material to fill his scant number of pages. With the years the number of published articles has grown and the quality improved, to the extent that the journal now holds a unique place in medical journalism. From a situation in which the editor was compelled to make an active solicitation of articles, there has been no time within the past several years when our backlog of material has not been sufficient for the six coming issues. Indeed considerable judgment has

been required in choosing from the material submitted that which is most useful to our varied classes of readers.

It should be borne in mind that the membership of the Association and thus the readers of the journal are medical, dental, veterinarian, sanitary, administrative and nursing officers of all the Government medical services. It is the aim of the editor of the journal that each of these readers shall find something in each issue of special interest.

It must be recognized that *The Military Surgeon* is the only tangible benefit conferred by membership in the Association. Repeatedly has the opinion been expressed that no medical journal gives a better value for its price.

It is the consistent thought of the editor that the journal is the mouth-piece of the membership of the society. In the choice of material for publication, the fact that a writer is a member of the Association, is always a point in his favor. It is clear that this cannot be the controlling factor.

It is timely to explain the difficulties that have beset the journal during the past two years or more. First an order fixed our print paper allotment to the tonnage used in 1942 and later a small cut was made in this. This would not have been burdensome except that our subscription list had doubled by 1943 and we were compelled to print twice the number of journals with the same tonnage of paper. Fortunately it was possible to use a much lighter grade of paper and this together with format changes by which fifty percent more material was put upon a page, gave us a journal not greatly inferior to that formerly issued. However we feel that the journal is not entirely up to its former standard, but hope for improvement when a happier day for the world will bring us back our normal paper supply. Even in the strait-jacket to which it has been subjected the editor shares with the membership of the Association a full measure of pride in the appearance and the content of its journal.

JAMES M. PHALEN,
Secretary-Editor.



MEDICINE'S HISTORY IN NEW YORK CITY

by

Iago Galdston, M.D.

NEW YORK CITY stands preeminent in the medical world. Its five medical schools, its numerous general and special hospitals, its research institutes, its Academy of Medicine housing one of the largest medical libraries in the world, collectively constitute the basis of its preeminence.

But the city was not always so richly endowed. Its history reveals that for many years it trailed both Philadelphia and Boston in the race for medical leadership. The early medical pioneers were mostly either Philadelphians or Bostonians.

There is a valid explanation for this. New York was from the very beginning a cosmopolitan center, complex in character, and heterogeneous in population. It did not jell as early as did either Boston or Philadelphia. Withal, New York was not without medical distinction even in its earliest days. Nor was it without priorities in medical achievements. John Jones, to whom American surgeons must look back as the first of their eminent professional forbears, was a New Yorker. Jones served as a surgeon in the Revolutionary War, and was the author of the first American book on military medicine.

John Bard and his son Samuel, though Philadelphians by birth, were New Yorkers throughout their professional careers. The elder Bard came to New York on the advice of Benjamin Franklin. Together with Dr. Peter Middleton, he offered the first formal instruction in medicine, this being a course in human anatomy by the dissection of the human body. Samuel

Bard, the son of John Bard, was considered the most eminent American physician of his time with the single exception of Benjamin Rush. Despite the loyalist sympathies he manifested during the Revolutionary War, Samuel Bard was chosen to serve as Washington's physician when the latter became President. Samuel Bard organized the first medical school in the city of New York. He was also instrumental in organizing The New York Hospital.

New York was the first to regulate the practice of medicine and surgery by an act of the Lieutenant Governor, the Council and the General Assembly (1760). New York can likewise claim the distinction of having had the first medical society. It was called the Weekly Society of Gentlemen. This society was merged with the New York State Medical Society organized on November 14, 1794. In 1806 the society changed its name to the New York County Medical Society.

Despite the many eminently competent men who practiced medicine and surgery in New York City, and despite the sporadic efforts that were made to develop the medical facilities of the city, New York did not achieve a significant place in American Medicine until about the middle of the last century. In 1840 the city was adolescent and clearly foreshadowed its future character. It had grown to be a populous city, busied with many enterprises and industries. It was not, however, a beautiful city, nor was it healthful. All these factors served to stimulate, and provided opportunities for, medical progress. The need arising, man rises to the need. New York was ravaged by epidemic and endemic diseases. Its mortality rate during the first decades of the 19th Century was approximately 40 per thousand. During this time we find the New York State Medical Society offering prizes for essays on such significant subjects as "Tuber-

culosis, Its Remote and Proximate Causes"; "The Causes and Treatment of Typhus Fever"; and, properly enough, "The Treatment of Delirium Tremens."

One of the prize essays honored by the Society dealt with the subject of industrial hygiene. It was written in 1837 by Benjamin W. McCready and was entitled "The Influence of Trades, Professions, and Occupations in the United States in the Production of Disease."

The widespread prevalence of disease, the poverty and degradation in which so many of the poor and the immigrants lived, the general filth and noise, the plague of quacks that afflicted the city, set many earnest and philanthropic persons to move in their respective ways toward the common goal of improving the lot of the common man, and of redeeming and improving the city. In this march forward, which began early but gained full stride only after the Civil War, can be counted many sec-



Presbyterian Medical Center

Fairchild Aerial Surveys, Inc.

tors. New medical societies were formed, new hospitals built, and old ones revamped, medical specialties had their beginnings then. The older medical schools vastly improved their teaching, and new commercial schools came into being.

In 1845, N. S. Dairs of the Medical Society of the State of New York proposed the creation of a national medical organization. Two years later, the American Medical Association came into being. In the same year (1847) a group of men among whom were Edward Delafield, Willard Parker, Valentine Mott, James Trudeau, and Alexander H. Stevens, organized the New York Academy of Medicine.

Medicine, as we observed, had sunk to low levels during the early decades of the nineteenth century. Quackery was rampant. Fly-by-night "medical schools" let loose upon the public many badly trained and unscrupulous practitioners. The law provided no remedy. The qualified physicians of the city were but loosely organized in small neighborhood clubs. The profession was without the means and the opportunity to meet in common and to share its varied experiences. The profession had no regular meeting place, and no effective, readily available medical library.

It was largely to remedy these faults that the New York Academy of Medicine was organized. On January 13, 1847, 184 of New York's leading physicians met and adopted the name, the constitution and the objectives to which the New York Academy of Medicine has been devoted throughout the many years of its existence.

The motives of its founders, as expressed in the adopted constitution, were the creation of an institution which should be a barrier between quackery and medical integrity; the establish-

ment of a stringent motive for ethical observance; the cultivation of the science of medicine; the improvement of medical education; and the promotion of public health.

As immediate objectives, the founders of the Academy had the acquisition of a building, and the creation of a medical library "worthy of the profession, and an honor, as well as an ornament to the city," both to be freely available to all regular members of the profession.

The Academy did not acquire a permanent home until 1875, and the library was not created before 1876. The "public health," however, received its immediate and sustained interest. One of the first acts of the Academy was to petition the Legislature to establish a Board of Commissioners of Health, to look after the sanitary condition of the city. The very first paper, printed in 1847 for the Academy, was a historical sketch of the institutions for the insane in the United States.

Formal medical education had its beginning in New York City in 1807 when the College of Physicians and Surgeons, later to be affiliated with Columbia University, was organized. The New York University Medical College was created twenty-three years later, and began to function in 1841. Twenty years later, the Bellevue Hospital Medical College was organized. Both of the latter schools were merged in 1898 to form the present-day University and Bellevue Hospital Medical College. The Long Island College opened its doors in 1860. In the same year the Homeopathic Medical College of the State of New York in New York City was granted a charter of incorporation by a special act of the Legislature. Cornell University Medical College was organized in 1898.

Hospital facilities were first available in the City of New York

in 1776, when the New York Hospital, chartered five years previously, opened its doors in a provisional structure. Previous to that time, the only so-called hospital to be found on Manhattan Island was the six-bed, one-room infirmary which was housed in the Publick Workhouse and House of Correction of the City of New York. Such municipal care began in New York City in 1736. Out of the six-bed infirmary in the Workhouse developed the Almshouse Hospital. From the point of view of service, this institution outranks the New York Hospital. In the Almshouse the attending physicians were: Dr. Nicholas Romaine, Dr. William Moore, Dr. Benjamin Kissam, and the surgeon was Dr. Wright Post. This was the first practical establishment as a hospital and dispensary under the corporation of the city which existed in the state. Dr. Nicholas Romaine and the others taught medical students there, and it was he who in 1807 founded the College of Physicians and Surgeons. Furthermore, the first lying-in wards in New York City were established in the Almshouse by Dr. Valentine Seaman in 1799. Until the middle of the Nineteenth Century the hospitals of New York were grossly inadequate, and some were indeed disgraceful. Thereafter, the number of hospitals in Greater New York increased rapidly, and there was a remarkable improvement in the quality of their institutional and medical service. Lincoln Hospital and Home, formerly known as the Colored Home and Hospital was established in 1839. St. Luke's Hospital was opened in 1858; Long Island College Hospital in the same year and St. Vincent's in 1849. Mt. Sinai, known formerly as the Jew's Hospital in the City of New York was established in 1852. and the Presbyterian Hospital in 1868. Most of the larger hospitals of the city came into being between 1850 and 1870.

New York City has been preeminent in the field of public

health. Here again necessity was parent to the achievement. As the population of New York increased, the sanitary condition of the city grew worse. How bad they were in some spots is now almost impossible to conceive. Stephen Smith, in his book "The City that Was," left us a graphic account of the insanitary horrors that prevailed in the city. This state of affairs evoked the protests of the medical profession. Eminent individual physicians and the New York Academy of Medicine over and over again petitioned for a sanitary reform in the city. Their appeals were for long ineffective. Finally a number of leading citizens formed what was called the Sanitary Association. In 1864 the Association made a sanitary inspection of the city and published its findings in a five-hundred page report. As a result of this expose, and the further agitations of the Sanitary Association, the Legislature authorized the creation of a new Board of Health, with broad and inclusive powers.

The fame of New York City's Department of Health has grown with the years. It has been served by men of outstanding ability and it has pioneered many developments in preventive medicine.

To appreciate the growth of medicine in New York City one needs to envisage the phenomenal growth of the city proper. After the Civil War, New York developed rapidly. It became the financial center of the United States. It grew too as an industrial city. New York was the gateway to America, and through it passed the hundreds of thousands of immigrants who for economic, political, or religious reasons had left their homelands to seek refuge in the new land. Most of these immigrants went North, South, and West, but many remained in New York. The city grew rich in all its resources, economic, cultural, and intellectual. Its heterogeneous population, which

in former years hampered its integration, now proved an asset. Men from all nations and all quarters of the globe could find a sympathetic reception in the cosmopolis, and brought to it the best heritage of their lands. Among the newly come were men such as Abraham Jacobi and Arpard Gerster, to name but two, who were destined to become leaders in medicine, and outstanding citizens of the Empire City. It is easy to understand, then, why New York so quickly appreciated and so promptly accepted and fostered the new medical sciences that issued from the labors of Virchow, Pasteur, Koch, and Lister. New York medicine was not far behind the European pioneers. In Francis Delafield, Austin Flint, Janeway, Prudden, Trudeau, Herman Biggs, Park, and Welch, the best of European medicine found worthy protagonists and able disciples. With the turn of the century, medicine in New York came of age. With confidence and competence it assumed its position among the leading medical centers of the world.



Lower left: Rockefeller Institute; Right center: N. Y. Hospital-Cornell Medical Cen.
N. Y. Cancer Hospital behind Rockefeller Institute.

Fairchild Aerial Surveys, Inc.



KNOWING AND SEEING NEW YORK CITY

THE visitor coming to New York discovers before him one of the most congested habitations of man on earth, a city which has grown from a tiny settlement of two hundred persons in 1626 to the great metropolis that it is today. Here will be found all races; there are more Italians in the city than in Rome, more Irish than in Dublin. In 1930 foreign white residents represented 73.3 % of the total population. Its largest economic activity is buying and selling goods; the manufacture of men and women's clothing, printing and publishing, and banking and finance are its leading industries. Its harbor is one of the largest and best in the world. Here can be found the best in theatres and restaurants, here are world famous museums, churches and educational institutions.

On what was once the site of Dr. David Hosack's famous Botanical Gardens of the early 19th Century, an area of twelve acres extending from 48th Street to 51st Street between Fifth and Sixth Avenues, is now located the largest privately owned business and entertainment center in America, Rockefeller Center. The offices of some two thousand businesses found here represent almost every field of business enterprise. The nineteen foreign consulates and the several foreign shops give the Center a certain cosmopolitan atmosphere. All the foreign tenants make use of the "free port" located in the basements; here foreign commodities are received without the payment of import taxes. The tax is collected only in the event the article is sold. To make this arrangement possible a special Act of

Congress was required. Outstanding features of the RCA Building, which dominates the Center, are the Observation Tower and the Museum of Science and Industry, the latter a rarity among museums, for here visitors are urged to handle and play with the many displays and gadgets, a contrast to the usual museum's "hands off" atmosphere. Throughout the Center, the work of outstanding contemporary artists is represented in many media-glass, stainless steel, bronze and murals. Paul Manship's majestic Prometheus Fountain dominates the Lower Plaza, a rendezvous for diners in the Summer and the site of an artificial skating rink in the Winter. The fountains and gardens of the promenade between the French and British Buildings are a favorite spot for sightseers. Of all the many points of interest in the Center, perhaps the best known and most visited is the Radio City Music Hall, the world's largest motion picture theatre with a seating capacity of 6200.

In the financial district, located at the foot of Manhattan near the Battery, will be found many of the nation's largest banks and trust companies, the exchanges and many insurance buildings. Wall Street, a canyon-like thoroughfare and the heart of the district, is so named because it was here that the Dutch, expecting an attack from Connecticut in the early 17th Century, built a stockade, the north end of which formed a wall. At one end of the street is famed Trinity Church and at the other end the docks of the East River. Not far away is Bowling Green, now only a little patch of green, but at one time a much larger area, where the Dutch herded their cattle; it was here that Peter Minuit bought New York from the Indians. At Broad and Exchange Place is the Sub-Treasury Building located on the site of the former Federal Hall where George Washington took his oath as first President of the United States.

At the tip of the Island is the Customs House, where formerly Fort Amsterdam stood, the first fort erected in Manhattan. Other buildings of interest nearby are the New York Produce Exchange, where once the Dutch women congregated for market day, and also the historic New York Coffee and Sugar Exchange. The latter is located at 113 Pearl Street, the most fashionable thoroughfare of the city in Washington's day.

All religious denominations are represented in New York's churches. The Dutch Reformed Church, which dates from 1628 and was the first to be established in Manhattan, is today known as the Collegiate Church of New York. St. Patrick's Cathedral, located at Fifth Avenue and 58th Street, is the largest Roman Catholic Church in America. Begun in 1858 and dedicated in 1879, it is considered one of the finest examples of Gothic architecture in the United States. The Cathedral of St. John the Divine at Amsterdam Avenue and 112th Street, the third largest place of worship in the world, represents the Protestant Episcopal Faith. Of the many other churches we finally mention the Church of the Transfiguration on 29th Street, better known as the Little Church Around The Corner and long held in great affection by actors and show people.

Museums to suit the tastes of everyone can be found within the city. The Metropolitan Museum of Art houses the most comprehensive collection of pictures and objects of art in America. For those interested primarily in modern art, a visit to the Museum of Modern Art is recommended. At the Cloisters in Upper Manhattan will be found outstanding examples of medieval art. The American Museum of Natural History is one of the world's largest institutions devoted to natural science exhibits. A noteworthy private art collection open to the public

is the Frick Collection, which includes paintings, sculpture, Chinese porcelains and enamels.

Several well known universities are located in New York, including New York University, Columbia, Barnard, Fordham, Hunter and The College of the City of New York. Columbia, which incidentally owns the site of Rockefeller Center, is located between 118th, 125th Streets, Morningside Drive and Riverside Drive. Here formerly was located the Bloomingdale Asylum and School for Young Ladies. Only one building of the Asylum remains, a quaint brick house now called East Hall. New York University, located at Washington Square since 1835, now also includes some forty-eight acres of land on University Heights in the Bronx. It enrolls some 23,000 students.

At the foot of Fifth Avenue is Washington Square, dominated by the Washington Arch, which was erected by the city in commemoration of the 100th Anniversary of the inauguration of George Washington. From here stretching southwest from Fifth Avenue to the Hudson River and south of 14th Street is New York's "Latin Quarter," Greenwich Village. Throughout the maze of thoroughfares, artists began to settle during the first world war. Since that time the Village has been the center of many fads, ranging from free love to socialism. Here the visitor can find shops where he can purchase knick-knacks, art objects, and second-hand books.

Probably the most famous of New York's public structures is the Statue of Liberty. Located on Bedloe's Island, this famous statue, designed by August Bartholdi in 1884, was presented to the United States by the French people as a symbol of friendship. Weighing 450,000 lbs. and rising 151 feet from the top of its pedestal, it can accommodate forty people in its head. Among the city's many bridges, Brooklyn Bridge is the oldest.

Completed in 1883, with a span of 1595 feet over the East River, it is considered a masterpiece of design; in its construction were incorporated many engineering methods that have been followed in subsequent bridge designs. Most recent of the city's many bridges is the George Washington Bridge; completed in 1931, its main span is 3500 feet in length; the main cables, resting on saddles on top of towers 600 feet high, contain enough wire to encircle the earth four times at the equator. The New York Public Library, located at Fifth Avenue and 42nd Street, houses one of the largest collections in the world. Grant's Tomb is also a landmark well known. Located on the banks of the Hudson River at 123rd Street, this monument with its ponderous square base and circular superstructure is one of the dominating features of this section of the city.



Photo by Free Lance Photographers Guild

GENERAL INFORMATION

HEADQUARTERS

Headquarters for the 52nd Annual Convention of the Association of Military Surgeons is the Hotel Pennsylvania. All Forum Lectures, Panel Discussions, Moving Pictures, Scientific Exhibits, Smoker and Annual Banquet, Committee Meetings and Business Meetings will be held in the Hotel Pennsylvania.

REGISTRATION

Registration of all members and guests will be on the Lobby Mezzanine upstairs from the main lobby of the hotel. Officers' wives will be provided a separate registration desk. All are urged to register.

In addition to members and their guests, 3rd and 4th year medical students and staff members of all hospitals in the Metropolitan area are invited to attend the meeting and register.

ARMY NIGHT

(Annual Banquet)

"Army Night," Friday, 3 November 1944, which will be the occasion of the Annual Banquet will be held on the Roof Garden of the Hotel Pennsylvania. In order that the attendance at the banquet may be estimated and adequate preparation made it is essential that the number of diners be known as soon as possible. Registrants are urged therefore to purchase their banquet tickets at the time of registration. In other years there have been so many last minute purchases that it was difficult to make seating arrangements. For details of the program consult page 55.

FORUM LECTURES

All Forum Lectures will be held in the Georgian Room on the Ballroom Floor. Forum Lectures will begin and end promptly as scheduled, see pages 24-27. Speakers will be strictly limited as to time and no discussion from the floor will be permitted.

PANEL DISCUSSIONS

Every effort has been made to have the Panel Discussions, which immediately follow the Forum Lectures, coordinated as closely as possible with the Lectures, and discussions from the floor will be welcome. Blanks for the submission of questions to Panel Discussion speakers will be distributed and additional blanks will be found at the back of this book. For the schedule of time and places, see pages 30-49.

MOTION PICTURES

Motion pictures dealing with medico-military subjects will be shown daily in the Keystone Room on the Ballroom Mezzanine. In many instances the pictures will be coordinated with the Forum Lectures and Panel Discussions, see page 50 for detailed schedule. The latest combat pictures (not yet released to the public) will be shown as one of the features during the Smoker on Thursday evening, 2 November, "Navy Night."

RADIO

Inasmuch as many of the addresses are to be broadcast it is essential that time schedules be adhered to strictly. The cooperation of all is solicited.

SCIENTIFIC EXHIBITS

The scientific exhibits constitute a most comprehensive and representative group of displays of medico-military matters and should be visited and studied by all, see pages 56-60.

INFORMATION BOOTH

The information and mail booth is located at the rear of the Ballroom where the technical exhibits are displayed. Inquire there for telegrams, mail and other messages.

SCIENTIFIC PAPERS

Readers of all scientific papers are requested to leave copies with the presiding officer at each meeting. These papers together with those read by title only will subsequently be published in "The Military Surgeon."

NAVY NIGHT

All are urged to attend "Navy Night," Thursday, 2 November, on the Roof Garden. In addition to the address of the evening, see page 53, the services of some of the best talent in New York City have been secured. Light refreshments will be served.

PRESS ROOM

The press room is located in Conference Room No. 8 on the Lobby Mezzanine Floor.

CONVENTION OFFICE

The President and the Secretary of the Association and the Convention Chairman have their offices at the end of the Promenade on the Ballroom Floor.

ACKNOWLEDGMENT

The Association accords its deep appreciation and gratitude to the following:

The many non-members of the Association who contributed so generously of their time to the work of the various committees.

The staff of the Hotel Pennsylvania who cooperated to the utmost in helping to make the meeting a success.

The various entertainment features of the meeting and the publication of the Program Book have been made possible through the generous support and assistance of the following to whom the Association expresses its sincere gratitude and recognition.

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Army Medical Museum
Washington 25, D. C.

I hereby apply for MEMBERSHIP in THE ASSOCIATION OF MILITARY SURGEONS OF THE UNITED STATES, and enclose the sum of three dollars for my annual dues, including THE MILITARY SURGEON. (Make checks payable to THE ASSOCIATION OF MILITARY SURGEONS U. S.)

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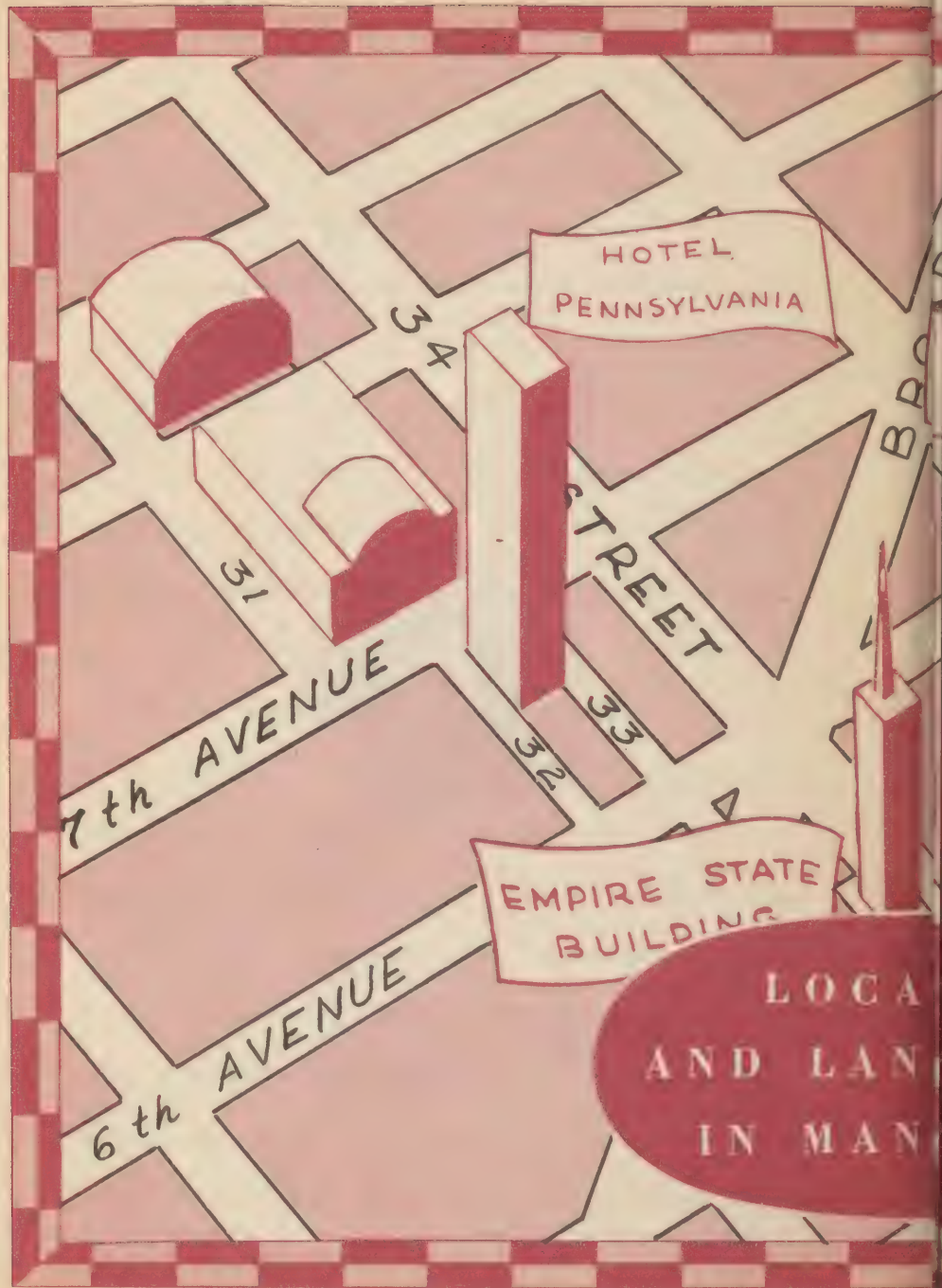
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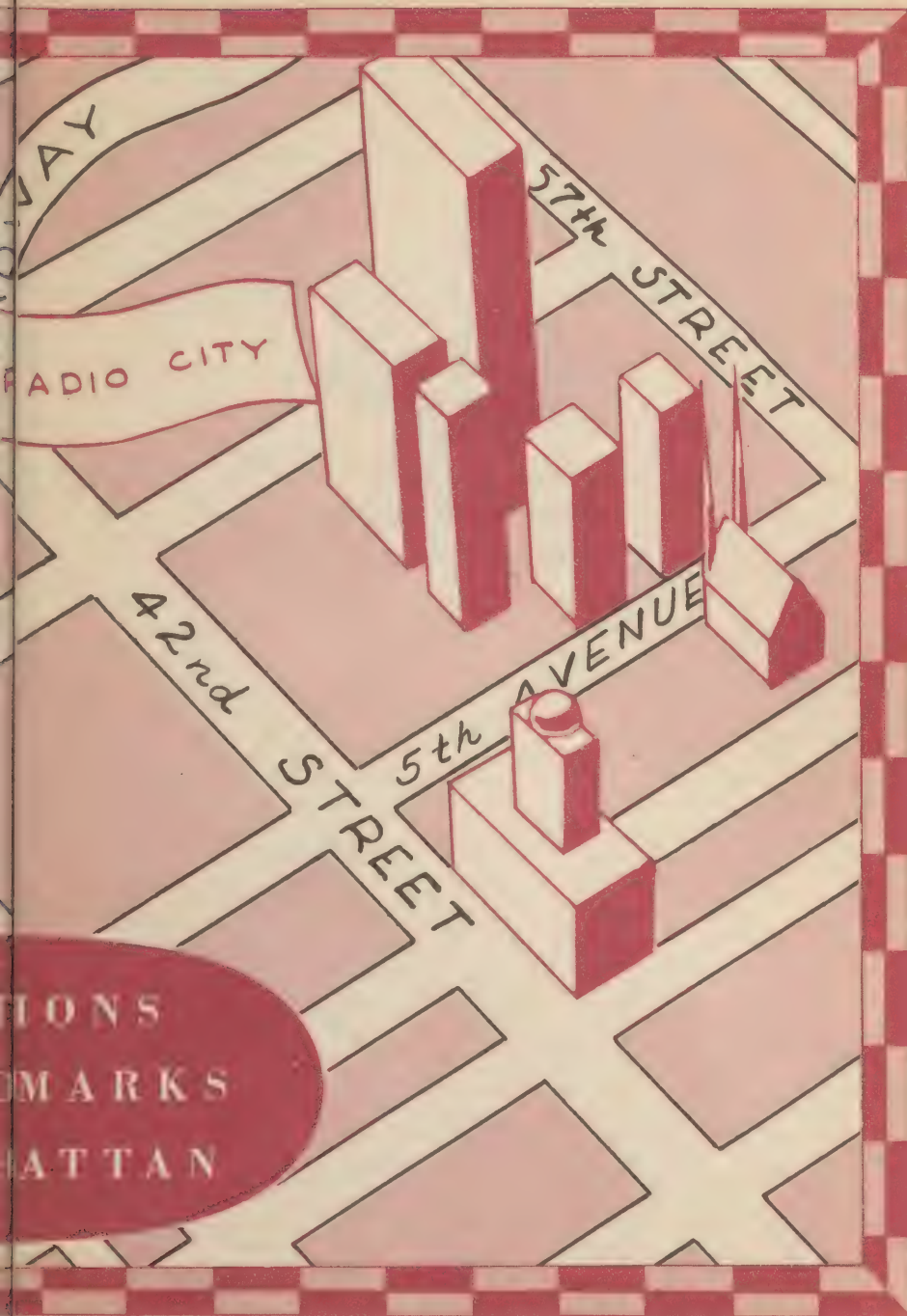
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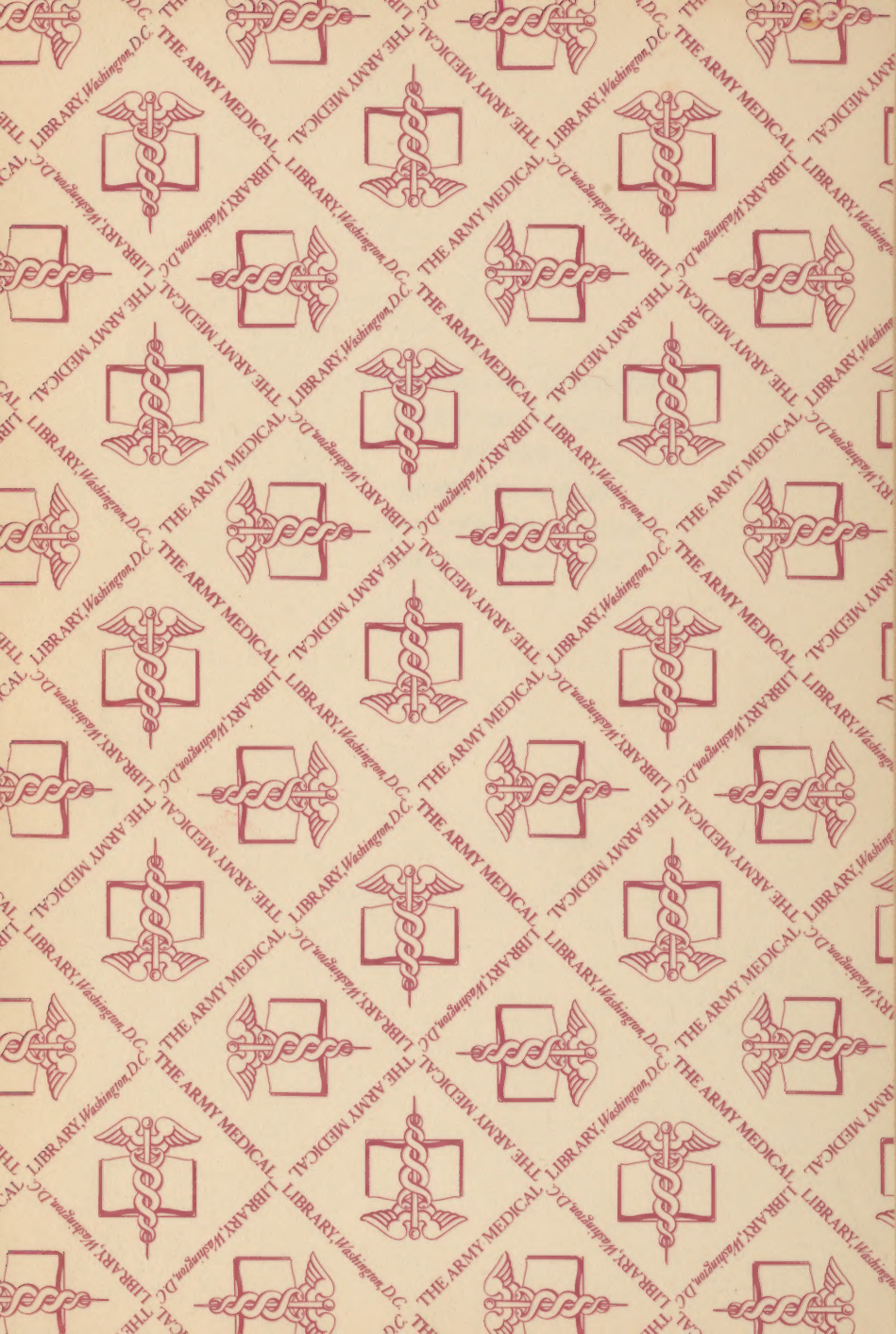
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